

elcometer®



**SAGOLA** ®  
an Elcometer company

refinishing  
& bodyshop

For more than **75 years** we have  
**worked hard to be the best** at  
**what we do**, so you can **be the**  
**best at what you do.**







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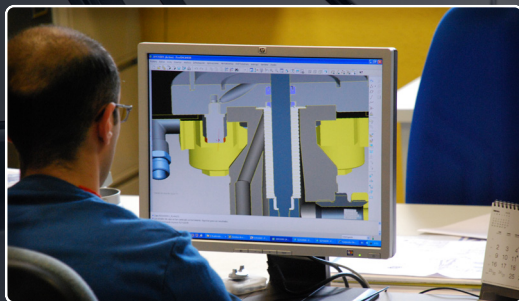
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# Quality is at the heart of everything we do, it's in every part we make, every manufacturing process we follow, every **service** and **support** we provide...



## Quality & Reliability

Quality is in our heritage. We are what we are today due to the quality mindset across all our departments and facilities around the world.

It is because of this commitment to quality that every gun comes with a 3 year warranty.

We know that if we stand by our products, so will you.

## Technology & Expertise

From the very beginning, we have maintained the highest standards in design and product development in order to exceed the most demanding coating processes.

The knowledge and experience within our Spray Equipment Division are second to none, which is why our spray guns have some of the highest transfer efficiencies on the market today, helping you to work faster and more productively than ever.





## Service & Support

We put product training and technical support at the forefront of everything we do.

Our commercial offices and technical training teams around the world are one of the cornerstones of our brand.

We believe that being here to support you is critical to your success.

# Our History

**1946**

Elcometer launches its first gauge, the Elcometer 101

**1947**

Elcometer exports its first gauge

**1955**

Sagola is founded in Spain

**1960**

Sagola launches its first spray gun, the Sagola ALM 401

**1978**

Elcometer wins Queens Award for Export

**1990**

Elcometer wins Queens Award for Technology

**1991**

Elcometer introduces the Elcometer 345 Paint Thickness Gauge

**1999**

Sagola launches 4200 Gun

**2000**

Elcometer launches the Elcometer 456 Paint Thickness Gauge

**2003**

Elcometer acquires physical test company Brave Instruments

**2007**

Sagola launches their first interchangeable HVLP aircap

**2011**

Elcometer acquires NDT specialist Dakota Ultrasonics

**2016**

Elcometer acquires Blast Equipment Specialist, Blastline Ltd.

**2020**

Elcometer Acquires Sagola SA.

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## Global Support

With an experienced international network of highly trained sales and technical support teams around the world, backed up by our production and R&D facilities in the UK, EU & USA, we are here to support you, wherever you may be.



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We are **here to help ...**

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We believe in our **craftsmanship**,  
so you can have **trust** in yours.



The **confidence** we  
have in the quality  
of our spray guns is  
reflected in our  
**3 year warranty.**



# 1





A person wearing a white protective suit and a respirator mask is working with a spray gun. The background is a warm, orange-toned image of a car body.

# Spray Guns & Fluid Application

Providing consistent, high quality results our comprehensive range of spray guns, pressure pots & pumps are easy to set up, simple to maintain and are engineered to meet the needs of even the most demanding bodyshops.

# Spray Guns

With over 55 years of design and engineering excellence, each Sagola gun is designed to perform better, give value for money and be incredibly easy to maintain.

Engineered for quality & performance, whether you are an independent bodyshop or an industrial refinishing bodyshop, Sagola has the gun you need.

Our guns - with interchangeable aircaps, needle and nozzle kits - make them simple to set up, fast to maintain, easy to spray with and provide consistent, high quality results.

- **Interchangeable needles, nozzles & aircaps**  
for high quality spray, whatever the coating
- **3 Year warranty & almost maintenance free**  
no internal or exterior gaskets
- **Engineering excellence**  
every product is quality tested before it leaves the factory

# With Sagola you can have the transfer efficiencies of HVLP in a conventional spray gun

The higher the transfer efficiency of the spray gun, the more product is applied to the surface in the same timeframe, with less overspray, increasing your productivity - saving you time and money.

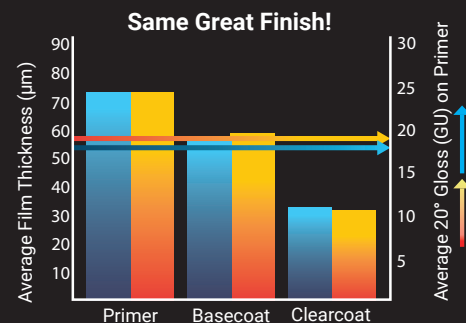
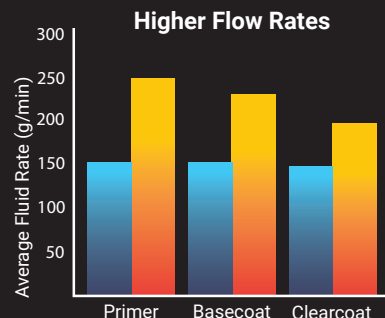
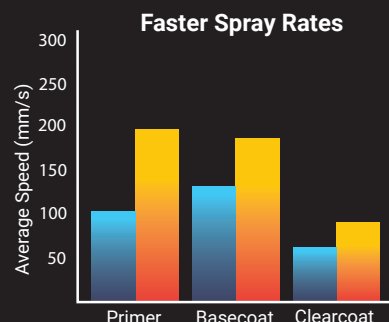
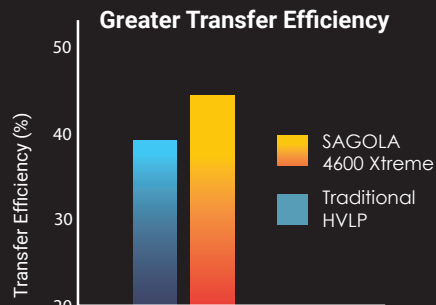
Historically, to obtain the highest levels of transfer efficiency, bodyshops have had to move away from conventional spray guns to HVLP.

Not any more - SAGOLA conventional spray guns have been independently proven to have higher transfer efficiencies than other industry leading HVLP guns.

Research by the independent Fraunhofer Institute for Manufacturing Engineering and Automation IPA<sup>1</sup> has shown that SAGOLA's conventional spray gun technology<sup>2</sup> has:

- Up to 15% greater transfer efficiency than other leading HVLP spray guns
- Greater than 35% higher flow rates, and up to 45% faster spray rates to apply the same paint thickness

Maintaining the same great quality of finish!



<sup>1</sup> Visit [spray.elcometer.com](http://spray.elcometer.com) to view full report

<sup>2</sup> Sagola 4600 Xtreme Spray Gun



Sagola has a gun type, aircap, needle and nozzle combination to ensure a high quality and consistent finish - whatever your budget.



## 1. Choose your spray gun type

Your choice of spray gun should be based on the gun (gravity, suction or pressure) and the paint type. The paint types compatible with each model can easily and quickly be identified using the key on the main product page with further, detailed information on the technical specification pages.



## 2. Select your spray gun model

Choose from our top of the range **Sagola 4600 Xtreme** and **Mini Xtreme** which offers the highest quality spray with industry leading transfer efficiencies, the ultimate guns where absolute perfection matters.

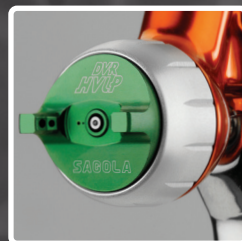
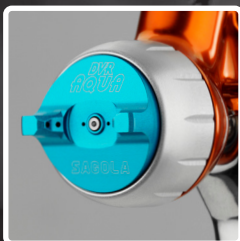


The recently redesigned Sagola X 4100 - the descendent of our first gun launched in 1956 - is ideal for industrial vehicles, trailers and coachwork. Offering many of the performance characteristics of the Sagola 4600 Xtreme, it's designed to meet the demanding needs of the industrial market.



The Sagola 3300 is our entry level spray gun, offering great performance for cash conscious bodyshops.

Sagola also offer a range of spray guns ideal for use with primers and fillers and much, much more.



## 2. Choose your aircap

Based on the paint, primer or filler type and method of application. There are two different models of aircaps; High Transfer and Conventional. Each individual aircap has specific air consumption requirements to operate which must be considered when making your selection - details can be found on the technical specification pages.

- High Transfer (HTE and HVLP); primarily used for low viscosity paints and fluids, typically used in automotive refinishing
- Conventional (CA); ideal for high viscosity paints and fluids, where a higher spray quantity is required, typically used in industrial refinishing applications






## 3. Select your needle & nozzle size

Based on the desired flow rate and the viscosity of the paint;

- the larger the orifice, the greater the volume of paint applied;
- the higher the viscosity of the paint, the larger the orifice required for a smooth, consistent flow

## Gravity Spray Gun Application Guide




| Model   | Aircaps            | Transfer System |                                       | High Solid Clearcoats                   | Mid Solid Clearcoats                    | Express Drying Clearcoats                  | Single Stage                               | Waterborne Basecoats                       | Solvent Based Basecoats                  |
|---|--------------------|-----------------|---------------------------------------|---|---|--|--|--|--|
| <b>SAGOLA 4600 XTREME</b><br><br>Page 1-12 | <b>DVR CLEAR</b>   | HTE             | Needle & Nozzle<br>Air inlet pressure | 1.3<br>2.0 - 2.2bar<br>29 - 32psi       | 1.3<br>2.0 - 2.2bar<br>29 - 32psi       | 1.2 - 1.2 XL<br>2.0 - 2.2bar<br>29 - 32psi | 1.3 - 1.4<br>2.0 - 2.5bar<br>29 - 36psi    |  |  |
|   | <b>DVR AQUA</b>    | HTE             | Needle & Nozzle<br>Air inlet pressure |   |   |  |  | 1.2 - 1.2 XL<br>1.8 - 2.0bar<br>26-29psi   | 1.3 - 1.3 XL<br>1.8 - 2.0bar<br>26-29psi |
|   | <b>DVR TITANIA</b> | HTE             | Needle & Nozzle<br>Air inlet pressure | 1.3<br>2.0 - 2.5bar<br>29 - 36psi       | 1.3<br>2.0 - 2.5bar<br>29 - 36psi       | 1.2 - 1.2 XL<br>2.0 - 2.2bar<br>29 - 32psi | 1.3 - 1.3 XL<br>2.0 - 2.5bar<br>29 - 36psi |  |  |
|   | <b>DVR HVLP</b>    | HVLP            | Needle & Nozzle<br>Air inlet pressure |   |   |  |  | 1.2 - 1.2 XL<br>1.8 - 2.0bar<br>26 - 29psi | 1.3 - 1.4<br>1.8 - 2.0bar<br>26 - 29psi  |
| <b>SAGOLA MINI XTREME</b><br><br>Page 1-20 | <b>MINI EPA</b>    | CA              | Needle & Nozzle<br>Air inlet pressure | 1.0 - 1.2<br>1.0 - 2.0bar<br>14 - 29psi | 1.0 - 1.2<br>1.0 - 2.0bar<br>14 - 29psi | 1.0 - 1.2<br>1.0 - 2.0bar<br>14 - 29psi    |  |  | 0.8<br>1.0 - 1.5bar<br>14 - 22psi        |
|   | <b>MINI TECH</b>   | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |  |  |  |  |
|   | <b>MINI AQUA</b>   | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |  |  | 1.0 - 1.2<br>1.0 - 2.0bar<br>14 - 29psi    | 0.8 - 1.2<br>1.0 - 2.0bar<br>14 - 29psi  |
|   | <b>MINI HVLP</b>   | HVLP            | Needle & Nozzle<br>Air inlet pressure |   |   |  |  |  |  |
| <b>SAGOLA X 4100</b><br><br>Page 1-28    | <b>X96</b>         | CA              | Needle & Nozzle<br>Air inlet pressure | 1.4<br>1.8 - 2.2bar<br>26 - 32psi       | 1.4<br>1.8 - 2.2bar<br>26 - 32psi       | 1.4<br>1.8 - 2.2bar<br>26 - 32psi          | 1.4<br>1.8 - 2.2bar<br>26 - 32psi          | 1.3<br>1.8 - 2.2bar<br>26 - 32psi          | 1.3<br>1.8 - 2.2bar<br>26 - 32psi        |
|   | <b>X64S</b>        | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |  |  |  |  |
|   | <b>XT01</b>        | CA              | Needle & Nozzle<br>Air inlet pressure | 1.4<br>1.8 - 2.2bar<br>26 - 32psi       | 1.4<br>1.8 - 2.2bar<br>26 - 32psi       | 1.4<br>1.8 - 2.2bar<br>26 - 32psi          | 1.4<br>1.8 - 2.2bar<br>26 - 32psi          | 1.3 - 1.4<br>1.8 - 2.2bar<br>26 - 32psi    | 1.3 - 1.4<br>1.8 - 2.2bar<br>26 - 32psi  |
|   | <b>XT03</b>        | HVLP            | Needle & Nozzle<br>Air inlet pressure |   |   |  |  | 1.3 - 1.4<br>1.8 - 2.0bar<br>26 - 29psi    | 1.3 - 1.4<br>1.8 - 2.0bar<br>26 - 29psi  |
| Model   | Aircaps            | Transfer System |                                       | High Solid Clearcoats                   | Mid Solid Clearcoats                    | Express Drying Clearcoats                  | Single Stage                               | Waterborne Basecoats                       | Solvent Based Basecoats                  |

HTE - High Transfer Efficiency

CA - Conventional




HVLP - High Viscosity Low Pressure



| Wet On Wet Primers                         | Sanding Primers                         | Fillers                                 | Putty Fillers                     |                                       | Transfer System | Aircaps     | Model  |
|--|---|---|-----------------------------------|---------------------------------------|-----------------|-------------|--|
| 1.2 - 1.3 XL<br>2.0 - 2.5bar<br>29 - 36psi |   |   |                                   | Needle & Nozzle<br>Air inlet pressure | HTE             | DVR CLEAR   | <b>SAGOLA 4600 XTREME</b><br> |
|  |   |   |                                   | Needle & Nozzle<br>Air inlet pressure | HTE             | DVR AQUA    |  |
| 1.2 - 1.2 XL<br>2.0 - 2.2bar<br>29 - 32psi |   |   |                                   | Needle & Nozzle<br>Air inlet pressure | HTE             | DVR TITANIA |  |
|  |   |   |                                   | Needle & Nozzle<br>Air inlet pressure | HVLP            | DVR HVLP    |  |
|  |   |   |                                   | Needle & Nozzle<br>Air inlet pressure | CA              | MINI EPA    | <b>SAGOLA MINI XTREME</b><br> |
| 0.6<br>0.5 - 1.0bar<br>7- 14psi            |   |   |                                   | Needle & Nozzle<br>Air inlet pressure | CA              | MINI TECH   |  |
| 1.2<br>1.2 - 2.0bar<br>17 - 29psi          |   |   |                                   | Needle & Nozzle<br>Air inlet pressure | CA              | MINI AQUA   |  |
| 1.0 - 1.3<br>1.8 - 2.0bar<br>26 - 29psi    | 1.0 - 1.3<br>1.8 - 2.0bar<br>26 - 29psi |   |                                   | Needle & Nozzle<br>Air inlet pressure | HVLP            | MINI HVLP   |  |
|  |   | 1.6 - 1.8<br>1.8 - 2.2bar<br>26 - 32psi |                                   | Needle & Nozzle<br>Air inlet pressure | CA              | X96         | <b>SAGOLA X 4100</b><br>   |
|  |   |   | 2.2<br>2.0 - 2.5bar<br>32 - 36psi | Needle & Nozzle<br>Air inlet pressure | CA              | X64S        |  |
|  |   | 1.6<br>1.8 - 2.2bar<br>26 - 32psi       |                                   | Needle & Nozzle<br>Air inlet pressure | CA              | XT01        |  |
|  |   | 1.6 - 1.8<br>1.8 - 2.0bar<br>26 - 29psi |                                   | Needle & Nozzle<br>Air inlet pressure | HVLP            | XT03        |  |
| WET ON WET PRIMERS                         | SANDING PRIMERS                         | FILLERS                                 |                                   |                                       | Transfer System | Aircaps     | Model  |

Maximum Technology in Finishes




## Gravity Spray Gun Application Guide

| Model  | Aircaps            | Transfer System |                                       | High Solid Clearcoats                   | Mid Solid Clearcoats                    | Express Drying Clearcoats               | Single Stage | Waterborne Basecoats                    | Solvent Based Basecoats                 |
|--|--------------------|-----------------|---------------------------------------|---|---|---|--------------|---|---|
| <b>3300 GTO</b><br>       | <b>GTO TECH</b>    | CA              | Needle & Nozzle<br>Air inlet pressure | 1.3 - 1.4<br>1.8 - 2.2bar<br>26 - 32psi | 1.3 - 1.4<br>1.8 - 2.2bar<br>26 - 32psi | 1.3 - 1.4<br>1.8 - 2.2bar<br>26 - 32psi |              | 1.3 - 1.4<br>1.8 - 2.2bar<br>26 - 32psi | 1.3 - 1.4<br>1.8 - 2.2bar<br>26 - 32psi |
|  | <b>GTO HVLP</b>    | HVLP            | Needle & Nozzle<br>Air inlet pressure |   |   |   |              | 1.2 - 1.4<br>1.8 - 2.0bar<br>26 - 29psi | 1.2 - 1.4<br>1.8 - 2.0bar<br>26 - 29psi |
|  | <b>GTO EVO</b>     | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |   |              |   |   |
|  | <b>GTO EPA</b>     | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |   |              |   |   |
|  | <b>GTO 62S/64S</b> | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |   |              |   |   |
| Page 1-36  |                    |                 |                                       |   |   |   |              |   |   |
| <b>CLASSIC PRO XD</b><br> | <b>HVLP</b>        | HVLP            | Needle & Nozzle<br>Air inlet pressure |   |   |   |              |   |   |
|  | <b>21 EPA</b>      | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |   |              |   |   |
|  | <b>25</b>          | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |   |              |   |   |
|  | <b>28</b>          | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |   |              |   |   |
|  | <b>36</b>          | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |   |              |   |   |
| Page 1-46  |                    |                 |                                       |   |   |   |              |   |   |
| <b>CLASSIC LUX</b><br>  | <b>40</b>          | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |   |              |   |   |
|  | <b>41</b>          | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |   |              |   |   |
|  | <b>42</b>          | CA              | Needle & Nozzle<br>Air inlet pressure |   |   |   |              |   |   |
| Page 1-48  |                    |                 |                                       |   |   |   |              |   |   |
| Model  | Aircaps            | Transfer System |                                       | High Solid Clearcoats                   | Mid Solid Clearcoats                    | Express Drying Clearcoats               | Single Stage | Waterborne Basecoats                    | Solvent Based Basecoats                 |

HTE - High Transfer Efficiency

CA - Conventional

HVLP - High Viscosity Low Pressure


| Wet On Wet Primers                       | Sanding Primers                         | Fillers                                 |                                       | Transfer System | Aircaps            | Model  |
|--|---|---|---------------------------------------|-----------------|--------------------|--|
| 1.3 - 1.4<br>1.8 - 2.2bar<br>26 - 32psii |   |   | Needle & Nozzle<br>Air inlet pressure | CA              | <b>GTO TECH</b>    | <b>3300 GTO</b><br>       |
|  | 1.6 - 1.8<br>1.5 - 2.0bar<br>22 - 29psi |   | Needle & Nozzle<br>Air inlet pressure | HVLP            | <b>GTO HVLP</b>    |  |
| 1.3 - 1.4<br>1.8 - 2.0bar<br>26 - 29psi  |   |   | Needle & Nozzle<br>Air inlet pressure | CA              | <b>GTO EVO</b>     |  |
|  | 1.4 - 1.8<br>1.5 - 2.0bar<br>22 - 29psi |   | Needle & Nozzle<br>Air inlet pressure | CA              | <b>GTO EPA</b>     |  |
|  |   | 2.2 - 2.8<br>2.0 - 2.5bar<br>29 - 36psi | Needle & Nozzle<br>Air inlet pressure | CA              | <b>GTO 62S/64S</b> |  |
|  | 1.6 - 1.8<br>1.5 - 2.0bar<br>22 - 29psi |   | Needle & Nozzle<br>Air inlet pressure | HVLP            | <b>HVLP</b>        | <b>CLASSIC PRO XD</b><br> |
|  | 1.6 - 1.8<br>1.5 - 2.0bar<br>22 - 29psi |   | Needle & Nozzle<br>Air inlet pressure | CA              | <b>21EPA</b>       |  |
|  |   | 2.0<br>1.8 - 2.5bar<br>22 - 36psi       | Needle & Nozzle<br>Air inlet pressure | CA              | <b>25</b>          |  |
|  |   | 2.8<br>1.8 - 2.5bar<br>22 - 36psi       | Needle & Nozzle<br>Air inlet pressure | CA              | <b>28</b>          |  |
|  |   | 2.5<br>1.8 - 2.5bar<br>22 - 36psi       | Needle & Nozzle<br>Air inlet pressure | CA              | <b>36</b>          |  |
|  | 1.6 - 1.8<br>1.5 - 2.0bar<br>22 - 29psi |   | Needle & Nozzle<br>Air inlet pressure | CA              | <b>40</b>          | <b>CLASSIC LUX</b><br>  |
|  |   | 2.0<br>1.8 - 2.5bar<br>22 - 36psi       | Needle & Nozzle<br>Air inlet pressure | CA              | <b>41</b>          |  |
|  |   | 2.5<br>1.8 - 2.5bar<br>22 - 36psi       | Needle & Nozzle<br>Air inlet pressure | CA              | <b>42</b>          |  |
| Wet On Wet Primers                       | Sanding Primers                         | Fillers                                 |                                       | Transfer System | Aircaps            | Model  |

Fast & Robust Spot Repair


Light, robust and economical



# Suction Fed Spray Gun Application Guide

| Model   | Aircaps     | Transfer System |                    | Clearcoats & Single Stage  | Metallic Primer Coats      | Shop/Wash Primers          | High Solid Primers & Fillers |
|---|-------------|-----------------|--------------------|----------------------------|----------------------------|----------------------------|------------------------------|
| <b>SAGOLA X 4100</b><br> | <b>XT01</b> | CA              | Needle & Nozzle    |                            | 1.4                        | 1.6                        | 1.8                          |
|   |             |                 | Air inlet pressure |                            | 2.0 - 2.2bar<br>22 - 32psi | 2.0 - 2.5bar<br>22 - 36psi | 2.0 - 3.0bar<br>22 - 44psi   |
| <b>96</b><br>Page 1-52  | <b>96</b>   | CA              | Needle & Nozzle    | 1.6                        | 1.4                        |                            |                              |
|   |             |                 | Air inlet pressure | 2.0 - 2.5bar<br>29 - 36psi | 2.0 - 2.2bar<br>22 - 32psi |                            |                              |

# Pressure Spray Gun Application Guide

| Model   | Aircaps          | Transfer System |                    | Clearcoats & Single Stage    | Basecoats, Metalized        | Wash Primers                 | Primers and Fillers          |
|---|------------------|-----------------|--------------------|------------------------------|-----------------------------|------------------------------|------------------------------|
| <b>SAGOLA X 4100</b><br> | <b>XT01 B</b>    | CA              | Needle & Nozzle    |                              | 1.00                        | 1.2                          | 1.4                          |
|   |                  |                 | Air inlet pressure |                              | 1.8 - 2.2bar<br>26 - 32psi  | 2 - 2.5bar<br>29 - 36psi     | 2 - 2.5bar<br>29 - 36psi     |
|   |                  |                 | Spray pressure     |                              | 0.5 - 1.0bar<br>7 - 14.5psi | 1.0 - 1.5bar<br>14.5 - 22psi | 2 - 2.5bar<br>29 - 36psi     |
| Page 1-60   | <b>Super VIT</b> | CA              | Needle & Nozzle    |                              | 1.0                         | 1.2                          | 1.4                          |
|   |                  |                 | Air inlet pressure |                              | 1.8 - 2.2bar<br>26 - 32psi  | 2 - 2.5bar<br>29 - 36psi     | 2 - 2.5bar<br>29 - 36psi     |
|   |                  |                 | Spray pressure     |                              | 0.5 - 1.0bar<br>7 - 14.5psi | 1.0 - 1.5bar<br>14.5 - 22psi | 2 - 2.5bar<br>29 - 36psi     |
|   | <b>3030</b>      | CA              | Needle & Nozzle    |                              |                             |                              | 1.4                          |
|   |                  |                 | Air inlet pressure |                              |                             |                              | 2 - 2.5bar<br>29 - 36psi     |
|   |                  |                 | Spray pressure     |                              |                             |                              | 1.0 - 2.0bar<br>14.4 - 29psi |
|   | <b>XT03</b>      | HVLP            | Needle & Nozzle    |                              | 1.0                         | 1.2                          |                              |
|   |                  |                 | Air inlet pressure |                              | 1.8 - 2.2bar<br>26 - 32psi  | 2 - 2.5bar<br>29 - 36psi     |                              |
|   |                  |                 | Spray pressure     |                              | 0.5 - 1.0bar<br>7 - 14.5psi | 1.0 - 1.5bar<br>14.5 - 22psi |                              |
|   | <b>765</b>       | CA              | Needle & Nozzle    |                              | 1.2                         | 1.4                          |                              |
|   |                  |                 | Air inlet pressure |                              | 1.8 - 2.5bar<br>26 - 36psi  | 2 - 2.5bar<br>29 - 36psi     |                              |
|   |                  |                 | Spray pressure     |                              | 0.5 - 1.0bar<br>7 - 14.5psi | 1.0 - 1.5bar<br>14.5 - 22psi |                              |
|   | <b>777</b>       | CA              | Needle & Nozzle    | 1 - 1.2                      |                             |                              |                              |
|   |                  |                 | Air inlet pressure | 2 - 2.5bar<br>29 - 36psi     |                             |                              |                              |
|   |                  |                 | Spray pressure     | 0.8 - 1.5bar<br>11.6 - 22psi |                             |                              |                              |

# SAGOLA 4600 Xtreme Gravity Spray Gun

The **ULTIMATE** gun  
for the bodyshop  
professional



This gun gives you:

- Highquality finish
- Industry leading high material transfer rates
- Fast, more professional results

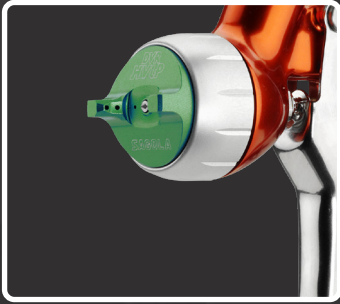
## COMPLIANCE

Standard: ATEX II 2G x (Directive 2014/34/EU)

Digital: ATEX II 2G Ex ia IIC T4 Gb (Directive 2014/34/EU)



The **Sagola 4600 Xtreme** is small, lightweight and comfortable, offering **fast** and **smooth application** for a consistent **high quality finish** for the bodyshop professional.



Switch to HVLP just by switching the aircap.

### Industry leading transfer efficiency

Independent testing\* proves the Sagola 4600 Xtreme's Conventional HTE aircaps provide significantly higher transfer efficiencies than traditional HVLP systems, whilst maintaining a very high quality finish.

### Versatile - one gun does it all

The extensive range of needle, nozzle, and aircaps enables the Sagola 4600 to convert to an HVLP gun by quickly changing the aircap.

### Extremely easy to clean and maintain

The Sagola 4600 has no air diffusers, blind chambers or threads in contact with paint, and no gaskets, seals or plastic parts in the product area - just metal on metal contact making it easier to clean and maintain.

### Well balanced and feels great!

With reduced weight at the front of the gun and a centre of gravity in the palm of your hand, the Sagola 4600 Xtreme's ergonomic design provides superior comfort and balance - minimising fatigue.

### Plug and Paint

Leave the fan regulator fully open, set up the air pressure and start painting for a uniform and symmetrical fan pattern every time.

**Approved for use by major paint brands.**

Visit [spray.elcometer.com](http://spray.elcometer.com) to download our Paint Application Guides.

\* Following the SCAQMD's (South Coast Air Quality Management District) Guidelines for Demonstrating Equivalency with District Approved Transfer Efficient Spray Guns and Spray Equipment Transfer Efficiency Test Procedure for Equipment User and approved by SCAQMD Rule 1151

# Sagola 4600 Xtreme Explained



A specially designed air valve ensures consistent air pressure allowing you to follow paint manufacturers recommendations with confidence.

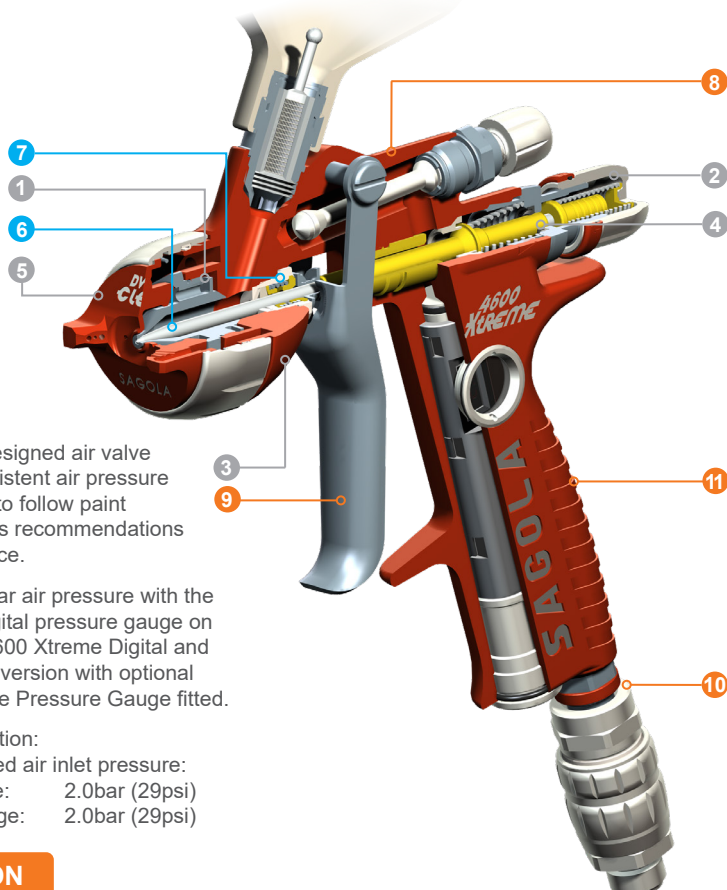
Achieve similar air pressure with the integrated digital pressure gauge on the Sagola 4600 Xtreme Digital and the Standard version with optional RC1 Analogue Pressure Gauge fitted.

Sagola's solution:

Recommended air inlet pressure:

At gun handle: 2.0bar (29psi)

At digital gauge: 2.0bar (29psi)



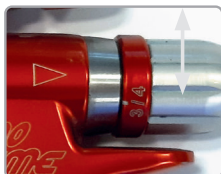
## TECHNICAL SPECIFICATION

| Model                                | Sagola 4600 Xtreme                              | Sagola 4600 Xtreme Digital                           |
|--------------------------------------|---|--|
| Cup Capacity                         | 650ml (22fl oz)                                 | 650ml (22fl oz)                                      |
| Cup Type                             | Removable Anti-Drip System                      | Removable Anti-Drip System                           |
| Air Inlet Couplings                  | 6.35mm (1/4") Male BSP                          | 6.35mm (1/4") Male BSP                               |
| Paint Filter                         | 80 mesh   | 80 mesh  |
| Weight with Supplied Cup             | 670g (1.48lbs)                                  | 706g (1.56lbs)                                       |
| Weight without Cup                   | 485.5g (1.07lbs)                                | 518g (1.14lbs)                                       |
| Dimensions without Cup (W x D x H)   | 161.77 x 19 x 187.23mm<br>(6.37 x 0.75 x 7.37") | 161.77 x 22.95 x 178.12mm<br>(6.37 x 0.90 x 7.01")   |
| Sound Pressure Level (Average)       | 80 dB   | 80 dB  |
| Pressure Gauge Battery Type          | -   | CR-1/3N Li-Mn 3v                                     |
| Pressure Gauge Range <sup>1</sup>    | -   | 0 - 10 bar (0 - 140psi)                              |
| Pressure Gauge Accuracy <sup>1</sup> | -   | ±0.16 bar (±1.6psi)                                  |
| Compliance                           | ATEX II 2G x<br>(Directive 2014/34/EU)          | ATEX II 2G Ex ia IIC T4 Gb<br>(Directive 2014/34/EU) |
| Ordering Information                 | see page 1-18                                   | see page 1-18  |

<sup>1</sup> Dependent on model

## Consistent quality finish guaranteed

- 1 Interchangeable stainless steel nozzles ensure optimum paint flow, for fast and smooth application.
- 2 New product regulator with flow indicator ring for precise flow measurement.



Turn the red flow indicator ring to align the "0" with the arrow.



Turn the product regulator to set up the desired product output.

- 3 There are no metallic or plastic external parts used for air distribution, making the cleaning process easier.

- 4 High precision "soft flow" air valve allows accurate set up of air pressure without wasting paint.

**NO PAINT SPRAYING IS REQUIRED** whilst setting up optimal spray pattern - meaning no paint is wasted.

- 5 Interchangeable aluminium aircaps. Identified with different colours.

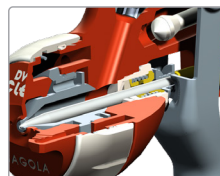
- Digital version with integrated digital pressure gauge compliant with ATEX Compliance. User-replaceable battery. Standard version with built-in air flow regulator.



- Optional hand-tightened air flow regulator with analogue pressure gauge. With precise, progressive adjustment and a conical enclosure designed to prevent air leaks.

## Low maintenance

- 6 Manufactured without gaskets or seals in product area. No air diffusers, blind chambers or threads in contact with the paint/product/material. Just metal in contact with metal. Extremely easy to clean and maintain.



- 7 One piece automatic paint packing gland minimising potential damage or breakage and easier to remove when cleaning the gun.



## Making the spray painter's job easier

- 8 Anodized forged aluminium body; ergonomic, light and perfectly balanced.
- 9 Ergonomically designed stainless steel trigger reducing operator discomfort and fatigue. Smooth trigger action.
- 10 Colour coded identifiers perfect for differentiating spray guns when there are multiple spray painters.
- 11 Balanced, ergonomic handle.

## The choice is yours



Digital



Standard

### Patents and Registered Designs

Standard: 07380321.5, 200602549, 559.042, 08380132.4, 200701164  
Digital: 07380321.5, 200602549, 559.042, 08380132.4, 200701164, 559.018, P 200100036



With high **product transfer efficiency** giving better coverage saving paint and time, the **Sagola 4600 Xtreme Aircaps** offers one of the **highest performances** in their category.

## TECHNICAL SPECIFICATION



### DVR CLEAR High Transfer Efficiency (HTE) Aircap

Extremely fast application, ideal for clearcoats and OEM finishes.

| Needle & Nozzle    | Ideal for use with:                      | Working Pressure Range         | Air Consumption at 2bar (29psi) | Product Output Flow (average) | Application Distance    | Fan Width (max)  |
|--------------------|--|--------------------------------|---------------------------------|-------------------------------|-------------------------|------------------|
| 1.20<br>(1.20mm)   | Express drying clearcoats. HS clearcoats | 2.0 - 2.2bar<br>(29 - 32psi)   | 315l/min<br>(11.12cfm)          | 185g/min<br>(6.5oz/min)       | 18 - 20cm<br>(7 - 7.9") | 275mm<br>(10.8") |
| 1.20XL<br>(1.25mm) | Express drying clearcoats. HS clearcoats | 2.0 - 2.2bar<br>(29 - 32psi)   | 295l/min<br>(10.42cfm)          | 197g/min<br>(7oz/min)         | 18 - 20cm<br>(7 - 7.9") | 285mm<br>(11.2") |
| 1.30<br>(1.30mm)   | HS clearcoats<br>UHS clearcoats          | 2.0 - 2.2bar<br>(29 - 32psi)   | 295l/min<br>(10.42cfm)          | 205g/min<br>(7.2oz/min)       | 18 - 20cm<br>(7 - 7.9") | 290mm<br>(11.4") |
| 1.30XL<br>(1.35mm) | One Coat Systems<br>Wet on Wet primers   | 2.0 - 2.5bar<br>(29 - 36.2psi) | 295l/min<br>(10.42cfm)          | 219g/min<br>(7.7oz/min)       | 18 - 20cm<br>(7 - 7.9") | 295mm<br>(11.6") |
| 1.40<br>(1.40mm)   | One Coat Systems<br>Industrial finishes  | 2.0 - 2.5bar<br>(29 - 36.2psi) | 295l/min<br>(10.42cfm)          | 224g/min<br>(8oz/min)         | 18 - 20cm<br>(7 - 7.9") | 300mm<br>(11.8") |



### DVR TITANIA PRO High Transfer Efficiency (HTE) Aircap

Highest level of atomization, ideal for clearcoats and high gloss finishes.

| Needle & Nozzle    | Ideal for use with:             | Working Pressure Range       | Air Consumption at 2bar (29psi) | Product Output Flow (average) | Application Distance    | Fan Width (max)  |
|--------------------|---------------------------------|------------------------------|---------------------------------|-------------------------------|-------------------------|------------------|
| 1.20<br>(1.20mm)   | Express drying clearcoats       | 2.0 - 2.2bar<br>(29 - 32psi) | 315l/min<br>(11.12cfm)          | 196g/min<br>(6.9oz/min)       | 18 - 20cm<br>(7 - 7.9") | 285mm<br>(11.2") |
| 1.20XL<br>(1.25mm) | Express drying clearcoats       | 2.0 - 2.2bar<br>(29 - 32psi) | 315l/min<br>(11.12cfm)          | 203g/min<br>(7.1oz/min)       | 18 - 20cm<br>(7 - 7.9") | 290mm<br>(11.4") |
| 1.30<br>(1.30mm)   | HS clearcoats<br>UHS clearcoats | 2.0 - 2.5bar<br>(29 - 36psi) | 315l/min<br>(11.12cfm)          | 222g/min<br>(7.8oz/min)       | 18 - 20cm<br>(7 - 7.9") | 305mm<br>(12")   |
| 1.30XL<br>(1.35mm) | Single stage                    | 2.0 - 2.2bar<br>(29 - 32psi) | 310l/min<br>(10.95cfm)          | 229g/min<br>(8.1oz/min)       | 18 - 20cm<br>(7 - 7.9") | 310mm<br>(12.2") |

HTE: High Transfer Efficiency

# Sagola 4600 Xtreme Aircaps, Needle & Nozzle Kits



## DVR AQUA High Transfer Efficiency (HTE) Aircap

Fast application and perfect colour matching, ideal for waterborne and solvent basecoats.

| Needle & Nozzle    | Ideal for use with:                   | Working Pressure Range         | Air Consumption at 2bar (29psi) | Output Flow (average)   | Application Distance    | Fan Width (max)  |
|--------------------|---------------------------------------|--------------------------------|---------------------------------|-------------------------|-------------------------|------------------|
| 1.20<br>(1.20mm)   | Waterborne basecoats (wet conditions) | 1.8 - 2.0bar<br>(26.1 - 29psi) | 280l/min<br>(9.88cfm)           | 191g/min<br>(6.7oz/min) | 18 - 20cm<br>(7 - 7.9") | 290mm<br>(11.4") |
| 1.20XL<br>(1.25mm) | Waterborne basecoats (dry conditions) | 1.8 - 2.0bar<br>(26.1 - 29psi) | 280l/min<br>(9.88cfm)           | 207g/min<br>(7.3oz/min) | 18 - 20cm<br>(7 - 7.9") | 300mm<br>(11.8") |
| 1.30<br>(1.30mm)   | Solvent based basecoats               | 1.8 - 2.0bar<br>(26.1 - 29psi) | 280l/min<br>(9.88cfm)           | 215g/min<br>(7.6oz/min) | 18 - 20cm<br>(7 - 7.9") | 310mm<br>(12.2") |
| 1.30XL<br>(1.35mm) | Solvent based basecoats               | 1.8 - 2.0bar<br>(26.1 - 29psi) | 280l/min<br>(9.88cfm)           | 227g/min<br>(8oz/min)   | 18 - 20cm<br>(7 - 7.9") | 315mm<br>(12.4") |



## DVR HVLP High Volume Low Pressure (HVLP) Aircap

Ideal for waterborne and solvent based basecoats.

| Needle & Nozzle    | Ideal for use with:                   | Working Pressure Range         | Air Consumption at 2bar (29psi) | Output Flow (average)   | Application Distance      | Fan Width (max)  |
|--------------------|---------------------------------------|--------------------------------|---------------------------------|-------------------------|---------------------------|------------------|
| 1.20<br>(1.20mm)   | Waterborne basecoats (wet conditions) | 1.8 - 2.0bar<br>(26.1 - 29psi) | 450l/min<br>(15.89cfm)          | 170g/min<br>(6 oz/min)  | 12 - 15cm<br>(4.7 - 5.9") | 290mm<br>(11.4") |
| 1.20XL<br>(1.25mm) | Waterborne basecoats (dry conditions) | 1.8 - 2.0bar<br>(26.1 - 29psi) | 450l/min<br>(15.89cfm)          | 179g/min<br>(6.3oz/min) | 12 - 15cm<br>(4.7 - 5.9") | 305mm<br>(12")   |
| 1.30<br>(1.30mm)   | Solvent based basecoats               | 1.8 - 2.0bar<br>(26.1 - 29psi) | 450l/min<br>(15.89cfm)          | 188g/min<br>(6.6oz/min) | 12 - 15cm<br>(4.7 - 5.9") | 315mm<br>(12.4") |
| 1.30XL<br>(1.35mm) | Solvent based basecoats               | 1.8 - 2.0bar<br>(26.1 - 29psi) | 450l/min<br>(15.89cfm)          | 198g/min<br>(7oz/min)   | 12 - 15cm<br>(4.7 - 5.9") | 325mm<br>(12.8") |
| 1.40<br>(1.40mm)   | Solvent based basecoats               | 1.8 - 2.0bar<br>(26.1 - 29psi) | 450l/min<br>(15.89cfm)          | 205g/min<br>(7.2oz/min) | 12 - 15cm<br>(4.7 - 5.9") | 325mm<br>(12.8") |







HVLP: High Volume Low Pressure

# Sagola 4600 Xtreme Ordering Information


The **Sagola 4600 Xtreme** is available to purchase as a complete kit with the aircap, needle and nozzle specified, supplied and fitted.

Alternatively, as the spray gun is universal and can be used with any of the aircaps in the DVR range, all items can be purchased separately to meet your specific requirements.

## PART NUMBERS

| Spray Gun Kit   | Needle & Nozzle | DVR Aircap Type   |   |  |  |            |
|---|-----------------|---|---|--|--|------------|
|   |                 |  TITANIA PRO |  CLEAR |  AQUA |  HVLV |            |
| <div>4600 Xtreme STANDARD</div>  | 1.20            | PG10142217  | PG10142218  | PG10142201   | PG10142219   |            |
|   | 1.20XL          | PG10142214  | PG10142216  | PG10142215   | PG10142220   |            |
|   | 1.30            | PG10142202  | PG10142204  | PG10142203   | PG10142205   |            |
|   | 1.30XL          | PG10142207  | PG10142206  | PG10142208   | PG10142209   |            |
|   | 1.40            | -   | PG10142212  | -  | PG10142213   |            |
| <div>4600 Xtreme DIGITAL</div>   | 1.20            | bar   | PG10142236  | PG10142237   | PG10142221   | PG10142239 |
|   |                 | psi   | PG10142283  | PG10142285   | PG10142240   | PG10142288 |
|   | 1.20XL          | bar   | PG10142233  | PG10142235   | PG10142234   | PG10142269 |
|   |                 | psi   | PG10142284  | PG10142286   | PG10142287   | PG10142253 |
|   | 1.30            | bar   | PG10142222  | PG10142224   | PG10142223   | PG10142225 |
|   |                 | psi   | PG10142241  | PG10142243   | PG10142242   | PG10142244 |
|   | 1.30XL          | bar   | PG10142227  | PG10142226   | PG10142228   | PG10142238 |
|   |                 | psi   | PG10142247  | PG10142245   | PG10142248   | PG10142246 |
|   | 1.40            | bar   | -   | PG10142231   | -  | PG10142232 |
|   |                 | psi   | -   | PG10142251   | -  | PG10142252 |
| Aircap Only   |                 | PT56418627  | PT56418630  | PT56418629   | PT56418628   |            |

## PART NUMBERS

| Needle & Nozzle Kit   | Reference     | Part Number | Description                  |
|---|---------------|-------------|------------------------------|
|  | <b>1.20</b>   | PT10011137  | 1.20mm Needle and Nozzle Kit |
|   | <b>1.20XL</b> | PT10011145  | 1.25mm Needle and Nozzle Kit |
|   | <b>1.30</b>   | PT10011138  | 1.30mm Needle and Nozzle Kit |
|   | <b>1.30XL</b> | PT10011139  | 1.35mm Needle and Nozzle Kit |
|   | <b>1.40</b>   | PT10011140  | 1.40mm Needle and Nozzle Kit |

For fan pattern widths see page 1-16 to 1-17.



# Sagola 4600 Xtreme Kit Contents

Each **Sagola 4600 Xtreme** is supplied complete with:

- 1 Aircap, needle & nozzle kit (supplied fitted)
- 2 650ml (22fl oz) Reusable plastic gravity cup with product mini-filter
- 3 Wrench for removing and fitting the nozzle and all servicing needs
- 4 Colour code identifiers perfect for identifying guns when there are multiple painters (x3)
- 5 Cleaning brush
- 6 Key Assembly for changing the air valve



## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT56418020  | RC1 Premium Air Flow Regulator with Analogue Pressure Gauge  |
| PT56418432  | Reusable Gravity Cup - Plastic; 650ml (22fl oz) <sup>1</sup>   |
| PT56418099  | Reusable Gravity Cup for UV-Cured Paint - Plastic; 125ml (4.23fl oz)   |
| PT56418433  | Reusable Gravity Cup for UV-Cured Paint - Plastic; 650ml (22fl oz)   |
| PT56418061  | Product Filter (x6) for PT56418099   |
| PT56418505  | Reusable Gravity Cup - Aluminium; 1 Litre (33.8fl oz) <sup>2</sup>   |
| PT56418438  | Product Mini Filter (x10) for PT56418432, PT56418082 & PT56418433  |
| PT55711607  | Coupling for Disposable Gravity Cup - 3M PPS   |
| PT55711617  | Coupling for Disposable Gravity Cup - MIPA-CARWOX  |
| PT55711609  | Coupling for Disposable Gravity Cup - GERSON-NORTON  |
| PT55711610  | Coupling for Disposable Gravity Cup - FLEXI-CUP  |
| PT55711619  | Coupling for Disposable Gravity Cup - DEVILBISS-DEKUPS   |
| PT55711621  | Coupling for Disposable Gravity Cup - SATA RPS   |
| PT55711624  | Coupling for Disposable Gravity Cup - COLAD  |
| PT56418589  | Lubricant Grease (SAE 10), 100ml (3.38fl oz)   |
| PT40000086  | Spray Gun Cleaning Kit - includes a brush for outside cleaning and rods of different sizes for all the inner paths of the spray gun. Supplied in a case. |



RC1 Flow Regulator with Pressure Gauge



Couplings for disposable gravity flow cups



Spray Gun & Accessories Locker

## Spray Gun Stands & Locker

Ideal for storing your guns and accessories when not in use

|            |                                   |
|------------|-----------------------------------|
| PT40000245 | Magnetic Stand for One Spray Gun  |
| PT40000246 | Magnetic Stand for Two Spray Guns |
| PT70000010 | Spray Gun & Accessories Locker    |

<sup>1</sup>Product Mini-Filter included (x1)

<sup>2</sup> Product Mini-Filter not included

## SAGOLA Mini Xtreme Spray Gun

All the functionality of the Sagola 4600 Xtreme in a lightweight, compact gun - ideal for small areas or spot repairs.



- **Fan width**  
26cm fan width from a compact gun
- **Versatile**  
The perfect gun for spot repairs but also ideal for spraying smaller parts and hard to reach areas
- **Low air consumption**  
Only 190l/min (6.7cfm) air consumption at 2bar (29psi) of inlet pressure

Specially designed for spot repair, the **Sagola Mini Xtreme** with its range of aircap, needle & nozzle combinations, can also be used as a finishes gun, making the most of its lightness, ergonomics and low air consumption.



Minimum number of spare parts



Cup capacities available:  
125, 200 and 500ml (4.23, 6.76,  
16.9fl oz)

### All the features of our top of the range gun in a compact size

Forged anodized aluminium body, “soft flow” air valve without pressure drops, interchangeable aluminium aircaps, product regulator floating ring, metal on metal technology, one single part automatic packing gland, stainless steel ergonomic and soft trigger.

### Metal on Metal Contact

No gaskets, rubber or plastic parts on product area. Designed without air diffusers. Extremely easy to maintain and clean.

### Four cup choices

Reusable white plastic 125ml and 200ml (4.23fl oz and 6.76fl oz) for spot repair, a larger 500ml (16.9fl oz) for finishes and a black plastic 125ml (4.23fl oz) specially designed for UV-cured paints.

### Small but powerful

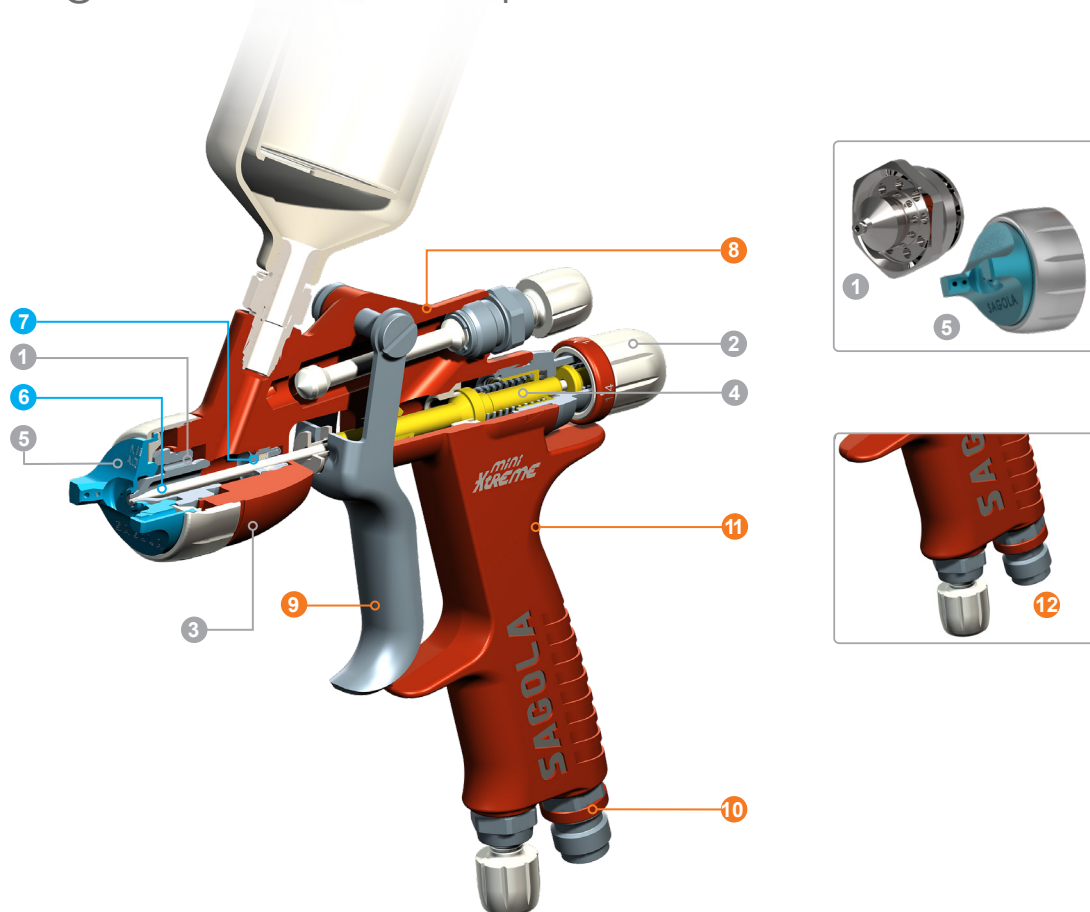
Light, ergonomic, strong and adapted to the latest technology. The Sagola Mini Xtreme reduces mist and saves paint.

**COMPLIANCE:**  
ATEX II 2G T60°C X  
(Directive 94/9/CE)

Approved for use by major paint brands.  
Visit [spray.elcometer.com](http://spray.elcometer.com) to download our Paint Application Guides.



# Sagola Mini Xtreme Explained



## TECHNICAL SPECIFICATION

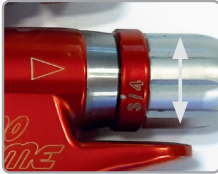
| Model                                 | Sagola Mini Xtreme  |
|---------------------------------------|---|
| Cup Capacity <sup>1</sup>             | 125ml (4.23fl oz) or 500ml (16.9fl oz) <sup>1</sup>         |
| Cup Type                              | Removable Anti-Drip System                                  |
| Air Inlet Couplings                   | 6.35mm (¼") Male BSP  |
| Paint Filter                          | 100 mesh  |
| Weight with Supplied Cup <sup>1</sup> | 125ml Cup: 445.5g (0.98lbs)<br>500ml Cup: 552.75g (1.22lbs) |
| Weight without Cup                    | 365g (0.80lbs)  |
| Dimensions without Cup                | 156.4 x 18 x 158.8mm (6.16 x 0.71 x 6.25")                  |
| Sound Pressure Level (Average)        | 80 dB   |
| Compliance                            | ATEX II 2G T60°C X (Directive 94/9/CE)                      |
| Ordering Information                  | see page 1-26   |

<sup>1</sup> Depending on part number ordered - see packing list for details

## Consistent quality finish guaranteed

- 1 Interchangeable stainless steel nozzles for optimum paint flow, fast and smooth application.

- 2 New product regulator with flow indicator ring for precise flow measurement.



*Turn the red flow indicator ring to align the "0" with the arrow.*



*Turn the product regulator to set up the desired product output.*

- 3 There are no metallic or plastic external parts used for air distribution, making the cleaning process easier.

- 4 High precision "soft flow" air valve allows accurate set up of air pressure without wasting paint.

**NO PAINT SPRAYING IS REQUIRED**  
so no paint is wasted whilst setting up optimal spray pattern.

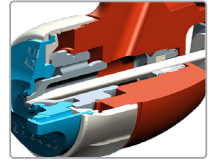
- 5 Interchangeable aluminium aircaps. Identified with different colours.

- Optional hand-tightened air flow regulator with analogue pressure gauge. With precise, progressive adjustment and a conical enclosure designed to prevent air leaks.



## Low maintenance

- 6 Manufactured without gaskets or seals in product area. No air diffusers, blind chambers or threads in contact with the paint/product/material. Just metal in contact with metal. Extremely easy to clean and maintain.



- 7 The only spray gun in the refinishing market with one single piece automatic paint packing gland minimising potential damage and breakage and easier to remove when cleaning the gun.

## Making the spray painter's job easier

- 8 Anodized forged aluminium body; ergonomic, light and perfectly balanced.
- 9 Ergonomically designed stainless steel trigger reducing operator discomfort and fatigue. Smooth trigger action.
- 10 Colour coded identifiers perfect for differentiating spray guns when there are multiple spray painters.
- 11 Balanced, ergonomic handle.
- 12 Fan width regulator.

### Patents and Registered Designs

Standard: 07380321.5, 08380132.4, 200701164, 200100036

# Sagola Mini Xtreme Aircaps, Needle & Nozzle Kits

With high **product transfer efficiency** giving better coverage saving paint and time, the **Sagola Mini Xtreme Aircap** range offer one of the **highest performances** in their category.

## TECHNICAL SPECIFICATION



### MINI TECH Conventional (CA) Aircap

Ideal for express drying clearcoat and one coat systems.

| Needle & Nozzle  | Ideal for use with:                   | Working Pressure Range           | Air Consumption at 2bar (29psi) | Output Flow (average)   | Application Distance    | Fan Width (max) | Supplied Cup     |
|------------------|---------------------------------------|----------------------------------|---------------------------------|-------------------------|-------------------------|-----------------|------------------|
| 0.60<br>(0.60mm) | Low viscosity products<br>Spot repair | 0.5 - 1.0bar<br>(7.25 - 14.5psi) | 52l/min<br>(11.12cfm)           | 96g/min<br>(3.39oz/min) | 18 - 20cm<br>(7 - 7.9") | 50mm<br>(1.96") | 500ml<br>(White) |



### MINI EPA Conventional (CA) Aircap

Designed for high speed and low viscosity applications - ideal for any type of clearcoats.

| Needle & Nozzle  | Ideal for use with:                                       | Working Pressure Range           | Air Consumption at 2bar (29psi) | Output Flow (average)   | Application Distance    | Fan Width (max)   | Supplied Cup     |
|------------------|---|----------------------------------|---------------------------------|-------------------------|-------------------------|-------------------|------------------|
| 0.80<br>(0.80mm) | Solvent based basecoats<br>Spot repair                    | 1.0 - 1.5bar<br>(14.5 - 21.7psi) | 190l/min<br>(6.71cfm)           | 49g/min<br>(1.7oz/min)  | 18 - 20cm<br>(7 - 7.9") | 110mm<br>(4.33")  | 500ml<br>(White) |
| 1.00<br>(1.00mm) | Express drying clearcoats<br>HS clearcoats<br>Spot repair | 1.0 - 1.5bar<br>(14.5 - 21.7psi) | 190l/min<br>(6.71cfm)           | 97g/min<br>(3.4oz/min)  | 18 - 20cm<br>(7 - 7.9") | 195mm<br>(7.68")  | 500ml<br>(White) |
| 1.20<br>(1.20mm) | UHS clearcoats<br>Spot Repair                             | 1.2 - 2.0bar<br>(17.4 - 29psi)   | 190l/min<br>(6.71cfm)           | 162g/min<br>(5.7oz/min) | 18 - 20cm<br>(7 - 7.9") | 260mm<br>(10.24") | 500ml<br>(White) |



## MINI AQUA Conventional (CA) Aircap

Offers enhanced application of waterborne products, regardless of the level of viscosity, for an even distribution of paint.

| Needle & Nozzle  | Ideal for use with:  | Working Pressure Range           | Air Consumption at 2bar (29psi) | Output Flow (average)   | Application Distance    | Fan Width (max)   | Supplied Cup     |
|------------------|--|----------------------------------|---------------------------------|-------------------------|-------------------------|-------------------|------------------|
| 0.80<br>(0.80mm) | Solvent based basecoats<br>Spot repair                                   | 1.0 - 1.5bar<br>(14.5 - 21.7psi) | 190l/min<br>(6.71cfm)           | 49g/min<br>(1.7oz/min)  | 18 - 20cm<br>(7 - 7.9") | 110mm<br>(4.33")  | 125ml<br>(White) |
| 1.00<br>(1.00mm) | Solvent based coats<br>Waterborne basecoats<br>Spot repair               | 1.0 - 1.5bar<br>(14.5 - 21.7psi) | 190l/min<br>(6.71cfm)           | 97g/min<br>(3.4oz/min)  | 18 - 20cm<br>(7 - 7.9") | 195mm<br>(7.68")  | 125ml<br>(White) |
| 1.20<br>(1.20mm) | Solvent based coats<br>Waterborne basecoats<br>UV primers<br>Spot repair | 1.2 - 2.0bar<br>(17.4 - 29psi)   | 190l/min<br>(6.71cfm)           | 162g/min<br>(5.7oz/min) | 18 - 20cm<br>(7 - 7.9") | 260mm<br>(10.24") | 125ml<br>(White) |



## MINI HVLP High Volume Low Pressure (HVLP) Aircap

For high volume and low pressure applications - ideal for waterborne or express drying (HS) products.

| Needle & Nozzle  | Ideal for use with:                         | Working Pressure Range         | Air Consumption at 2bar (29psi) | Output Flow (average)   | Application Distance      | Fan Width (max)  | Supplied Cup     |
|------------------|---|--------------------------------|---------------------------------|-------------------------|---------------------------|------------------|------------------|
| 1.00<br>(1.00mm) | Primers<br>Sanding surfacers<br>Spot repair | 1.8 - 2.0bar<br>(26.1 - 29psi) | 325l/min<br>(11.48cfm)          | 80g/min<br>(2.8oz/min)  | 10 - 15cm<br>(3.9 - 5.9") | 155mm<br>(6.10") | 125ml<br>(White) |
| 1.20<br>(1.20mm) | Primers<br>Sanding surfacers<br>Spot repair | 1.8 - 2.0bar<br>(26.1 - 29psi) | 325l/min<br>(11.48cfm)          | 123g/min<br>(4.3oz/min) | 10 - 15cm<br>(3.9 - 5.9") | 195mm<br>(7.68") | 125ml<br>(White) |
| 1.30<br>(1.30mm) | Primers<br>Sanding surfacers<br>Spot repair | 1.8 - 2.0bar<br>(26.1 - 29psi) | 325l/min<br>(11.48cfm)          | 133g/min<br>(4.7oz/min) | 10 - 15cm<br>(3.9 - 5.9") | 215mm<br>(8.46") | 500ml<br>(White) |

HVLP: High Volume Low Pressure








# Sagola Mini Xtreme Ordering Information


The **Sagola Mini Xtreme** is available to purchase as a complete kit with the aircap, needle and nozzle specified supplied and fitted.

Alternatively, as the spray gun is universal and can be used with any of the aircaps in the Mini range, all items can be purchased separately to meet your specific requirements.

## PART NUMBERS

| Spray Gun Kit   | Needle & Nozzle Size | Aircap Type   |  |   |  |
|---|----------------------|---|--|---|--|
|   |                      |  Mini TECH |  Mini EPA |  Mini AQUA |  Mini HVLP |
|  | <b>0.60</b>          | PG10111811  | -  | -   | -  |
|   | <b>0.80</b>          | -   | PG10111806   | PG10111801  | -  |
|   | <b>1.00</b>          | -   | PG10111807   | PG10111802  | PG10111809   |
|   | <b>1.20</b>          | -   | PG10111808   | PG10111803  | PG10111810   |
|   | <b>1.30</b>          | -   | -  | -   | PG10111804   |
| Aircap Only   |                      | PT56418598  | PT56418525   | PT56418524  | PT56418526   |

## PART NUMBERS

| Needle & Nozzle Kits  | Reference   | Part Number | Description  |
|---|-------------|-------------|--|
|  | <b>0.60</b> | PT10011216  | 0.60mm Needle & Nozzle Kit (compatible with Mini TECH Aircap only) |
|   | <b>0.80</b> | PT10011200  | 0.80mm Needle & Nozzle Kit   |
|   | <b>1.00</b> | PT10011201  | 1.00mm Needle & Nozzle Kit (not compatible with Mini TECH Aircap)  |
|   | <b>1.00</b> | PT10011217  | 1.00mm Needle & Nozzle Kit for Mini TECH Aircap                    |
|   | <b>1.20</b> | PT10011202  | 1.20mm Needle & Nozzle Kit   |
|   | <b>1.30</b> | PT10011203  | 1.30mm Needle & Nozzle Kit   |

## Optional Accessories

Available to purchase as optional accessories, not in a kit with gun and aircap

|             |            |                            |
|-------------|------------|----------------------------|
| <b>1.40</b> | PT10011204 | 1.40mm Needle & Nozzle Kit |
| <b>1.60</b> | PT10011205 | 1.60mm Needle & Nozzle Kit |
| <b>1.80</b> | PT10011206 | 1.80mm Needle & Nozzle Kit |

# Sagola Mini Xtreme Kit Contents

Each Sagola Mini Xtreme is supplied complete with:

- ① Aircap, needle & nozzle kit (supplied fitted)
- ② 125ml or 500ml (4.23 - 16.9fl oz) Reusable Plastic Gravity Cup with Product Filter
- ③ Wrench for removing and fitting the nozzle and all servicing needs
- ④ Colour Code Identifiers perfect for identifying guns when there are multiple painters (x3)
- ⑤ Cleaning Brush
- ⑥ Key Assembly for changing the air valve



## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT56418020  | RC1 Premium Air Flow Regulator with Analogue Pressure Gauge  |
| PT56418081  | Reusable Gravity Cup - Plastic; 125ml (4.23fl oz) <sup>1</sup>   |
| PT56418080  | Reusable Gravity Cup - Plastic; 500ml (16.9fl oz) <sup>1</sup>   |
| PT56418099  | Reusable Gravity Cup for UV-Cured Paint - Plastic; 125ml (4.23fl oz) <sup>1</sup>  |
| PT56418079  | Reusable Gravity Cup - Plastic; 200ml (6.76fl oz) <sup>1</sup>   |
| PT56418061  | Product Filter (x6) for PT56418081, PT56418099, PT56418079   |
| PT56418059  | Product Filter (x10) for PT56418080  |
| PT55711612  | Coupling for Disposable Gravity Cup - 3M PPS   |
| PT55711616  | Coupling for Disposable Gravity Cup - MIPA-CARWOX  |
| PT55711614  | Coupling for Disposable Gravity Cup - GERSON-NORTON  |
| PT55711615  | Coupling for Disposable Gravity Cup - FLEXI-CUP  |
| PT55711618  | Coupling for Disposable Gravity Cup - DEVILBISS-DEKUPS   |
| PT55711620  | Coupling for Disposable Gravity Cup - SATA RPS   |
| PT56418623  | Coupling for Disposable Gravity Cup - COLAD  |
| PT56418589  | Lubricant Grease (SAE 10), 100ml   |
| PT40000086  | Spray Gun Cleaning Kit - includes a brush for outside cleaning and rods of different sizes for all the inner paths of the spray gun. Supplied in a case. |



Optional RC1 Flow Regulator with Pressure Gauge

## Spray Gun Stands & Locker

Ideal for storing your guns and accessories when not in use

|            |                                   |
|------------|-----------------------------------|
| PT40000245 | Magnetic Stand for One Spray Gun  |
| PT40000246 | Magnetic Stand for Two Spray Guns |
| PT70000010 | Spray Gun & Accessories Locker    |



Spray Gun & Accessories Locker

<sup>1</sup>Product Filter included (x1)

## SAGOLA X 4100 Gravity Spray Guns

# Engineered for the most demanding industrial bodyshop



Ideal for industrial vehicles.



Ergonomic, robust & offering a high quality finish:

- Designed for use in large scale industrial bodyshops
- Ergonomically balanced, for continuous all day use
- Easy to clean with minimal maintenance

**COMPLIANCE:**  
ATEX II 2G x  
(Directive 2014/34/EU)

Ideal for industrial vehicles, trailers and coachwork, the Sagola X 4100 has been designed for high production industrial bodyshops.

## Small, light and easy to use

To reduce operator fatigue and improve usability the size and weight of the new Sagola X 4100 has been reduced, compared to the old design and the centre of gravity altered to make it more comfortable.



Reduction of size; Weight reduction and ergonomic improvement.

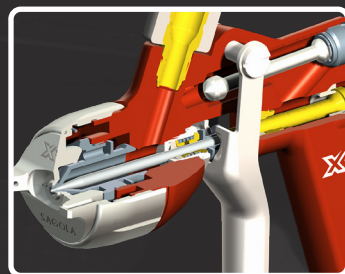
## Metal on metal contact

No gaskets, rubber or plastic parts on product area. Designed without air diffusers. Extremely easy to maintain and clean.



## High transfer aluminium aircaps

Wide range of high resistance aluminium aircaps. HVLP and conventional (CA) models to fit your spraying needs.



Metal on metal technology. Manufactured without gaskets or seals in product area

## Versatile - one gun does it all

You can use any aircap with any nozzle. So if you need to increase your nozzle size, simply change your nozzle and keep your aircap. You can also change your aircap and keep your nozzle.

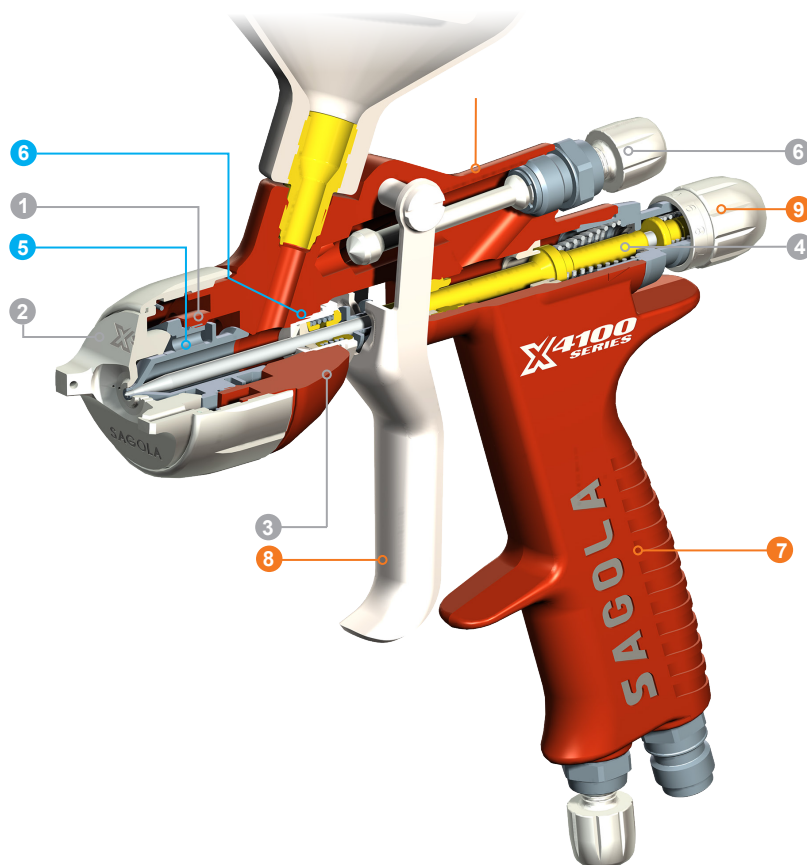
Turn your Sagola X 4100 into a HVLP spray gun by changing the aircap. Unique in the market.



Maximum speed of application.



# Sagola X 4100 Explained



## TECHNICAL SPECIFICATION

| Model                                 | Sagola X 4100                           |
|---------------------------------------|---|
| Cup Capacity <sup>1</sup>             | 650ml (22fl oz)                         |
| Cup Type                              | Removable Anti-Drip System              |
| Air Inlet Couplings                   | 6.35mm (¼") Male BSP                    |
| Paint Filter                          | 100 mesh                                |
| Weight with Supplied Cup <sup>1</sup> | 692g (1.39lbs)                          |
| Weight without Cup                    | 502g (1.1lbs)                           |
| Dimensions with Cup                   | 340 x 170 x 42mm (13.39 x 6.69 x 1.65") |
| Sound Pressure Level (Average)        | 80 dB                                   |
| Compliance                            | ATEX II 2G x (Directive 2014/34/EU)     |
| Ordering Information                  | see page 1-34                           |

<sup>1</sup> Depending on part number ordered - see packing list for details

## Consistent quality finish guaranteed

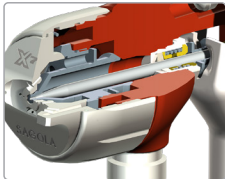
- 1 Interchangeable stainless steel nozzles for optimum paint flow, fast and smooth application
- 2 Interchangeable colour coded aluminium aircaps available in high transfer EPA and HVLP, perfect for colour matching and finish with basecoats, clearcoats and one coat systems.
- 3 There are no metallic or plastic external parts used for air distribution, making the cleaning process easier.
- 4 High precision “soft flow” air valve allows accurate set up of air pressure without wasting paint.

### **NO PAINT SPRAYING IS REQUIRED**

so no paint is wasted whilst setting up optimal spray pattern.

## Low maintenance

- 5 Manufactured without gaskets or seals in the product area. No air diffusers, no blind chambers, no threads in contact with paint. Just metal in contact with metal. Extremely easy to clean, extremely easy to maintain.



- 6 Manufactured with only one single piece automatic paint packing gland minimising potential damage and breakage and much easier to remove when cleaning the gun.



## Making the sprayer painter's job easier

- 8 Ergonomically designed stainless steel trigger reducing operator discomfort and fatigue. Ultra-ergonomic design.
- 7 Anodized forged aluminium body; ergonomic, light and perfectly balanced. Great robustness and high protection against corrosion.
- 9 Product regulator. Great sensitivity in adjusting the amount of material to apply.

**Patents and Registered Designs**  
07380321.5, 08380132.4, 3.300.029

# Sagola X 4100 Aircaps, Needle & Nozzle Kits

With high **product transfer efficiency** giving better coverage saving paint and time, the **Sagola X series aircaps** offer one of the **highest performance** and **lowest air consumption** in their category.

## TECHNICAL SPECIFICATION



### X SERIES XT01 Conventional (CA) Aircap

Ideal for basecoats, clearcoats, primers and fillers

| Needle & Nozzle  | Ideal for use with:                        | Working Pressure Range       | Air Consumption at 2bar (29psi) | Output Flow (average)    | Application Distance    | Fan Width (max)   |
|------------------|--|------------------------------|---------------------------------|--------------------------|-------------------------|-------------------|
| 1.30<br>(1.30mm) | Basecoats                                  | 1.8 - 2.2bar<br>(26 - 32psi) | 235l/min<br>(8.30cfm)           | 171g/min<br>(6.03oz/min) | 18 - 20cm<br>(7 - 7.9") | 250mm<br>(9.84")  |
| 1.40<br>(1.40mm) | Basecoats, Clearcoats,<br>One Coat Systems | 1.8 - 2.2bar<br>(26 - 32psi) | 235l/min<br>(8.30cfm)           | 175g/min<br>(6.17oz/min) | 18 - 20cm<br>(7 - 7.9") | 255mm<br>(10.04") |
| 1.60<br>(1.60mm) | Fillers                                    | 1.8 - 2.2bar<br>(26 - 32psi) | 235l/min<br>(8.30cfm)           | 209g/min<br>(7.37oz/min) | 18 - 20cm<br>(7 - 7.9") | 285mm<br>(11.22") |



### X SERIES X96 Conventional (CA) Aircap

Ideal for basecoats, clearcoats, single stage and fillers

| Needle & Nozzle  | Ideal for use with:        | Working Pressure Range       | Air Consumption at 2bar (29psi) | Output Flow (average)     | Application Distance    | Fan Width (max)   |
|------------------|----------------------------|------------------------------|---------------------------------|---------------------------|-------------------------|-------------------|
| 1.30<br>(1.30mm) | Basecoats                  | 1.8 - 2.2bar<br>(26 - 32psi) | 250l/min<br>(8.83cfm)           | 177g/min<br>(6.24oz/min)  | 18 - 20cm<br>(7 - 7.9") | 260mm<br>(10.24") |
| 1.40<br>(1.40mm) | Clearcoats<br>Single Stage | 1.8 - 2.2bar<br>(26 - 32psi) | 250l/min<br>(8.83cfm)           | 178g/min<br>(6.28oz/min)  | 18 - 20cm<br>(7 - 7.9") | 270mm<br>(10.6")  |
| 1.60<br>(1.60mm) | Fillers                    | 1.8 - 2.2bar<br>(26 - 32psi) | 250l/min<br>(8.83cfm)           | 216g/min<br>(7.62oz/min)  | 18 - 20cm<br>(7 - 7.9") | 310mm<br>(12.2")  |
| 1.80<br>(1.80mm) | Fillers                    | 1.8 - 2.2bar<br>(26 - 32psi) | 250l/min<br>(8.83cfm)           | 293g/min<br>(10.34oz/min) | 18 - 20cm<br>(7 - 7.9") | 380mm<br>(15.0")  |

The Sagola X 4100 Aircap range consists of conventional and HVLP aircaps for perfect colour matching and finish for basecoats, clearcoats and one coat systems.



### X SERIES XT03 High Volume Low Pressure (HVLP) Aircap

For high volume and low pressure applications - ideal for basecoats or fillers.

| Needle & Nozzle  | Ideal for use with: | Working Pressure Range         | Air Consumption at 2bar (29psi) | Output Flow (average)    | Application Distance       | Fan Width (max)   |
|------------------|---------------------|--------------------------------|---------------------------------|--------------------------|----------------------------|-------------------|
| 1.30<br>(1.30mm) | Basecoat            | 1.8 - 2.0bar<br>(26.1 - 29psi) | 465l/min<br>(16.42cfm)          | 139g/min<br>(4.9oz/min)  | 12 - 15cm<br>(4.72 - 5.9") | 240mm<br>(9.45")  |
| 1.40<br>(1.40mm) | Basecoat            | 1.8 - 2.0bar<br>(26.1 - 29psi) | 465l/min<br>(16.42cfm)          | 143g/min<br>(5.04oz/min) | 12 - 15cm<br>(4.72 - 5.9") | 245mm<br>(9.65")  |
| 1.60<br>(1.60mm) | Fillers             | 1.8 - 2.0bar<br>(26.1 - 29psi) | 465l/min<br>(16.42cfm)          | 165g/min<br>(5.82oz/min) | 12 - 15cm<br>(4.72 - 5.9") | 270mm<br>(10.63") |
| 1.80<br>(1.80mm) | Fillers             | 1.8 - 2.0bar<br>(26.1 - 29psi) | 465l/min<br>(16.42cfm)          | 202g/min<br>(7.13oz/min) | 12 - 15cm<br>(4.72 - 5.9") | 295mm<br>(11.61") |



### X SERIES 64S Conventional (CA) Aircap

For high viscosity products

| Needle & Nozzle  | Ideal for use with: | Working Pressure Range         | Air Consumption at 2bar (29psi) | Output Flow (average) | Application Distance    | Fan Width (max)   |
|------------------|---------------------|--------------------------------|---------------------------------|-----------------------|-------------------------|-------------------|
| 2.20<br>(2.20mm) | Putty Fillers       | 2.0 - 2.5bar<br>(29 - 36.3psi) | 305l/min<br>(10.77cfm)          | 290g/min<br>(10.23")  | 18 - 20cm<br>(7 - 7.9") | 280mm<br>(11.02") |

HVLP: High Volume Low Pressure



# Sagola X 4100 Ordering Information


The **Sagola X 4100** is available to purchase as a complete kit with the aircap, needle and nozzle specified supplied and fitted.

Alternatively, as the spray gun is universal and it can be used with any of the aircaps in the X range, all items can be purchased separately to meet your specific requirements.

## PART NUMBERS

| Spray Gun Kit   |      | X 4100 Series Aircap Type  |   |  |  |
|---|------|--|---|--|--|
|   |      | XT01<br>X Series  | X96<br>X Series  | XT03<br>X Series  | X64S<br>X Series  |
| X 4100 series<br> | 1.30 | PG10142004   | PG10142012  | PG10142007   |  |
|   | 1.40 | PG10142005   | PG10142001  | PG10142008   |  |
|   | 1.60 | PG10142006   | PG10142002  | PG10142009   |  |
|   | 1.80 |  | PG10142003  | PG10142010   |  |
|   | 2.20 |  |   |  | PG10142011   |
| Aircap Only*  |      | PT56418565X  | PT56418573X   | PT56418566X  | PT56418575X  |

\* Supplied with Air Inlet Fitting

| Needle & Nozzle Kits  | Reference | Part Number | Description                |
|---|-----------|-------------|----------------------------|
|  | 0.80      | PT10011251  | 0.80mm Needle & Nozzle Kit |
|   | 1.00      | PT10011252  | 1.00mm Needle & Nozzle Kit |
|   | 1.20      | PT10011253  | 1.20mm Needle & Nozzle Kit |
|   | 1.30      | PT10011121  | 1.30mm Needle & Nozzle Kit |
|   | 1.40      | PT10011122  | 1.40mm Needle & Nozzle Kit |
|   | 1.60      | PT10011123  | 1.60mm Needle & Nozzle Kit |
|   | 1.80      | PT10011124  | 1.80mm Needle & Nozzle Kit |
|   | 2.00      | PT10011125  | 2.00mm Needle & Nozzle Kit |
|   | 2.20      | PT10011126  | 2.20mm Needle & Nozzle Kit |
|   | 2.50      | PT10011127  | 2.50mm Needle & Nozzle Kit |
|   | 2.80      | PT10011128  | 2.80mm Needle & Nozzle Kit |

# Sagola X 4100 Series Kit Contents

Each **Sagola X 4100 Series** is supplied complete with:

- ① Aircap, needle & nozzle kit (supplied fitted)
- ② 650ml (22fl oz) Reusable Plastic Gravity Cup with product filter
- ③ Wrench for removing and fitting the nozzle and all servicing needs
- ④ Cleaning brush
- ⑤ Key Assembly for changing the air valve



## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT56418084  | Reusable Gravity Cup - Plastic; 650ml (22fl oz) <sup>1</sup>   |
| PT56418082  | Reusable Gravity Cup - Aluminium; 1 Litre (33.8fl oz) <sup>2</sup>   |
| PT56418017  | Gravity Cup Product Filter; 650ml (22fl oz) (x10)  |
| PT56418003  | Gravity Cup Product Filter; 1 Litre (33.8fl oz) (x10)  |
| PT55711612  | Coupling for Disposable Gravity Cup - 3M PPS   |
| PT55711616  | Coupling for Disposable Gravity Cup - MIPA-CARWOX  |
| PT55711614  | Coupling for Disposable Gravity Cup - GERSON-NORTON  |
| PT55711615  | Coupling for Disposable Gravity Cup - FLEXI-CUP  |
| PT55711618  | Coupling for Disposable Gravity Cup - DEVILBISS-DEKUPS   |
| PT55711620  | Coupling for Disposable Gravity Cup - SATA RPS   |
| PT56418623  | Coupling for Disposable Gravity Cup - COLAD  |
| PT56418669  | Air Valve Kit  |
| PT56411616  | Paint Packing Nut  |
| PT56418494  | Air Gasket Replacement Kit (x6)  |
| PT40000086  | Spray Gun Cleaning Kit - includes a brush for outside cleaning and rods of different sizes for all the inner paths of the spray gun. Supplied in a case. |



Extension



Spray Gun Cleaning Kit



Spray Gun & Accessories Locker

## Spray Gun Stands & Locker

Ideal for storing your guns and accessories when not in use

- |            |                                |
|------------|--------------------------------|
| PT70000010 | Spray Gun & Accessories Locker |
|------------|--------------------------------|

<sup>1</sup>Product Mini-Filter included (x1)

<sup>2</sup> Product Mini-Filter not included

## SAGOLA 3300 GTO Gravity Spray Gun

Incredibly versatile spray gun,  
ideal for primers and fillers



A value for money spray gun with:

- Engineering excellence
- Interchangeable aircaps, needles & nozzles
- No gaskets, air diffusers, or plastic parts in the product area
- 3 Year warranty

The **Sagola 3300 GTO** is ergonomic, versatile and reliable, ideal for working with primers or finishings.



Air flow regulator for precision adjustment.

### Lightweight balanced design

Thanks to its forged anodized aluminium body and stainless steel ergonomic trigger, the Sagola 3300 GTO is lightweight and comfortable for use over long periods.

### Versatile to suit your application

Whether you are working with primers or high tech finishes the Sagola 3300 GTO is available with a flow regulator and range of aircaps, needle and nozzle kits to meet the needs of any application.



Ultra-fine atomization and larger fans. Designed for the best response at any pressure.

### Precision control

Through its redesigned regulators for air flow, paint flow and fan control, the Sagola 3300 GTO puts precision control at your fingertips.

### One single piece automatic paint packing gland

Having a single gland makes it easier to remove for a thorough cleaning of the paint area, avoiding manipulation and breakage.

### Built to last and easy to clean

Extremely easy to maintain and clean, the Sagola 3300 GTO has no gaskets or air diffusers, rubber or plastic parts in product area - just metal in contact with metal, making it virtually maintenance free

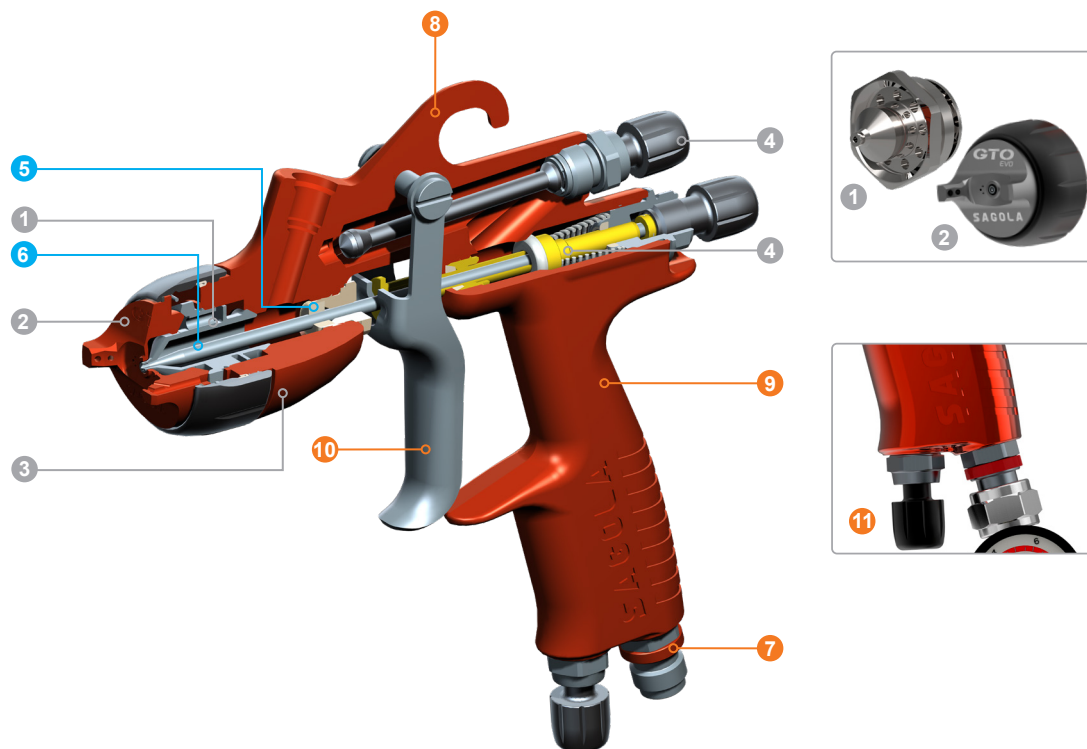
**COMPLIANCE:**  
ATEX II 2G x  
(Directive 2014/34/EU)

Approved for use by major paint brands.

Visit [spray.elcometer.com](http://spray.elcometer.com) to download our Paint Application Guides.



# Sagola 3300 GTO Explained



## TECHNICAL SPECIFICATION

| Model                             | Sagola 3300 GTO                             |
|-----------------------------------|---|
| Cup Capacity                      | 650ml (22fl oz)                             |
| Cup Type                          | Removable Anti-Drip System                  |
| Air Inlet Couplings               | 6.35mm (1/4") Male BSP                      |
| Paint Filter                      | 80 mesh                                     |
| Weight with Supplied Cup          | 662.4g (1.46lbs)                            |
| Weight without Cup                | 474.8g (1.05lbs)                            |
| Dimensions without Cup            | 181.4 x 19 x 178.99mm (7.14 x 0.75 x 7.05") |
| Sound Pressure Level (Average)    | 80 dB                                       |
| Pressure Gauge Range <sup>1</sup> | 0 - 10bar / 0 - 140psi                      |
| Compliance                        | ATEX II 2G x (Directive 2014/34/EU)         |
| Ordering Information              | see page 1-42                               |

<sup>1</sup> Dependent on model

## Consistent quality finish guaranteed

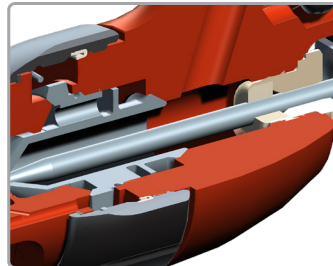
- 1 Interchangeable stainless steel nozzles for optimum paint flow, fast and smooth application.
- 2 Interchangeable aluminium aircaps. Identified with different colours.
- 3 There are no metallic or plastic external parts used for air distribution, making the cleaning process easier.
- 4 New spray fan regulator design with less travel and greater precision. Suitable for left and right handed operation.

## Low maintenance

- 5 The only spray gun in the refinishing market with one single piece automatic paint packing gland minimising potential damage and breakage and easier to remove when cleaning the gun.
- 6 Manufactured without gaskets or seals in product area. No air diffusers, blind chambers or threads in contact with the paint/product/material. Just metal in contact with metal. Extremely easy to clean and maintain.

## Making the sprayer painter's job easier

- 7 Colour coded identifiers perfect for differentiating spray guns when there are multiple painters.
- 8 Forged aluminium body; ergonomic, light and perfectly balanced. Soft and silky touch finish.
- 9 Ergonomically designed, round and comfortable handle for balanced and smooth strokes for a consistent, better quality finish.
- 10 Ergonomically designed trigger reducing operator discomfort and fatigue.
- 11 Fan width regulator.



# Sagola 3300 GTO Aircaps / Needle & Nozzle Kits

With its high **product transfer efficiency** it gives better coverage saving paint and time, the **Sagola GTO Aircaps** offers one of the **highest performance** and **lowest air consumption** in its category.

## TECHNICAL SPECIFICATION



### GTO EPA Conventional (CA) Aircap

Ideal for primed surfacers.

| Needle & Nozzle | Ideal for use with: | Working Pressure Range      | Air Consumption at 2bar (29psi) | Output Flow (average) | Application Distance | Fan Width (max) |
|-----------------|---------------------|-----------------------------|---------------------------------|-----------------------|----------------------|-----------------|
| 1.40 (1.40mm)   | Sanding surfacers   | 1.5 - 2.0bar (21.7 - 29psi) | 250l/min (8.8cfm)               | 179g/min (6.3oz/min)  | 18 - 20cm (7 - 7.9") | 245mm (9.6")    |
| 1.60 (1.60mm)   | Sanding surfacers   | 1.5 - 2.0bar (21.7 - 29psi) | 250l/min (8.8cfm)               | 156g/min (5.5oz/min)  | 18 - 20cm (7 - 7.9") | 225mm (8.9")    |
| 1.80 (1.80mm)   | Sanding surfacers   | 1.5 - 2.0bar (21.7 - 29psi) | 250l/min (8.8cfm)               | 184g/min (6.5oz/min)  | 18 - 20cm (7 - 7.9") | 245mm (9.6")    |



### GTO EVO Conventional (CA) Aircap

Ideal for wet on wet primers.

| Needle & Nozzle | Ideal for use with: | Working Pressure Range      | Air Consumption at 2bar (29psi) | Output Flow (average) | Application Distance | Fan Width (max) |
|-----------------|---------------------|-----------------------------|---------------------------------|-----------------------|----------------------|-----------------|
| 1.30 (1.30mm)   | Wet on wet primers  | 1.8 - 2.0bar (26.1 - 29psi) | 255l/min (9.01cfm)              | 172g/min (6oz/min)    | 18 - 20cm (7 - 7.9") | 260mm (10.2")   |
| 1.40 (1.40mm)   | Wet on wet primers  | 1.8 - 2.0bar (26.1 - 29psi) | 255l/min (9.01cfm)              | 179g/min (6.3oz/min)  | 18 - 20cm (7 - 7.9") | 280mm (11")     |





### GTO 64S/62S Conventional (CA) Aircap

Ideal for fillers.

| Needle & Nozzle | Ideal for use with: | Working Pressure Range    | Air Consumption at 2bar (29psi) | Output Flow (average) | Application Distance | Fan Width (max) |
|-----------------|---------------------|---------------------------|---------------------------------|-----------------------|----------------------|-----------------|
| 64S (2.20mm)    | Fillers             | 2.0 - 2.5bar (29 - 36psi) | 310l/min (10.95cfm)             | 300g/min (10.6oz/min) | 18 - 20cm (7 - 7.9") | 300mm (11.8")   |
| 62S (2.80mm)    | Fillers             | 2.0 - 2.5bar (29 - 36psi) | 270l/min (9.53cfm)              | 397g/min (14oz/min)   | 18 - 20cm (7 - 7.9") | 250mm (9.8")    |

The GTO aircap range consists of high transfer Conventional (CA) and HVLP aircaps for perfect colour matching and finish ideal for basecoats, clearcoats and one coat systems.

|  <b>GTO HVLP High Volume Low Pressure (HVLP) Aircap</b><br>Ideal for sanding surfacers basecoats. |                     |                             |                                 |                       |                      |                 |
|--|---------------------|-----------------------------|---------------------------------|-----------------------|----------------------|-----------------|
| Needle & Nozzle  | Ideal for use with: | Working Pressure Range      | Air Consumption at 2bar (29psi) | Output Flow (average) | Application Distance | Fan Width (max) |
| 1.20 (1.20mm)  | Basecoats           | 1.8 - 2.0bar (26.1 - 29psi) | 360l/min (12.71cfm)             | 149g/min (5.3oz/min)  | 18 - 20cm (7 - 7.9") | 265mm (10.4")   |
| 1.30 (1.30mm)  | Basecoats           | 1.8 - 2.0bar (26.1 - 29psi) | 360l/min (12.71cfm)             | 145g/min (5.1oz/min)  | 18 - 20cm (7 - 7.9") | 245mm (9.6")    |
| 1.40 (1.40mm)  | Basecoats           | 1.8 - 2.0bar (26.1 - 29psi) | 360l/min (12.71cfm)             | 161g/min (5.7oz/min)  | 18 - 20cm (7 - 7.9") | 250mm (9.8")    |
| 1.60 (1.60mm)  | Primed surfaces     | 1.5 - 2.0bar (21.7 - 29psi) | 360l/min (12.71cfm)             | 172g/min (6oz/min)    | 18 - 20cm (7 - 7.9") | 260mm (10.2")   |
| 1.80 (1.80mm)  | Primed surfaces     | 1.5 - 2.0bar (21.7 - 29psi) | 360l/min (12.71cfm)             | 193g/min (6.8oz/min)  | 18 - 20cm (7 - 7.9") | 295mm (11.6")   |

|  <b>GTO TECH Conventional (CA) Aircap</b><br>Ideal for clearcoats. |                         |                               |                                 |                       |                      |                 |
|---|-------------------------|-------------------------------|---------------------------------|-----------------------|----------------------|-----------------|
| Needle & Nozzle   | Ideal for use with:     | Working Pressure Range        | Air Consumption at 2bar (29psi) | Output Flow (average) | Application Distance | Fan Width (max) |
| 1.20 (1.20mm)   | Basecoats<br>Clearcoats | 1.8 - 2.2bar (26.1 - 31.9psi) | 285l/min (10.06cfm)             | 154g/min (5.4oz/min)  | 18 - 20cm (7 - 7.9") | 295mm (11.6")   |
| 1.30 (1.30mm)   | Basecoats<br>Clearcoats | 1.8 - 2.2bar (26.1 - 31.9psi) | 285l/min (10.06cfm)             | 169g/min (6oz/min)    | 18 - 20cm (7 - 7.9") | 305mm (12")     |
| 1.40 (1.40mm)   | Basecoats<br>Clearcoats | 1.8 - 2.2bar (26.1 - 31.9psi) | 285l/min (10.06cfm)             | 179g/min (6.3oz/min)  | 18 - 20cm (7 - 7.9") | 315mm (12.4")   |

HVLP: High Volume Low Pressure










# Sagola 3300 GTO Ordering Information


The **Sagola 3300 GTO** is available to purchase as a complete kit with the aircap, needle and nozzle specified supplied and fitted.

Alternatively, as the spray gun is universal it can be used with any of the aircaps in the Sagola 3300 GTO range, all items can be purchased separately to meet your specific requirements.

## PART NUMBERS

| Spray Gun Kit  | Needle & Nozzle Size | Aircap Type   |   |  |  |  |
|--|----------------------|---|---|--|--|--|
|  |                      | GTO EPA  | GTO EVO  | GTO HVLP  | GTO 64S/62S*  | GTO TECH  |
|  Sagola 3300 GTO                                | 1.20                 |   |   | PG10141569   |  | PG10141566   |
|  | 1.30                 | -   | PG10141559  | PG10141570   | -  | PG10141567   |
|  | 1.40                 | PG10141562  | PG10141560  | PG10141555   | -  | PG10141568   |
|  | 1.60                 | PG10141563  | -   | PG10141556   | -  | -  |
|  | 1.80                 | PG10141564  | -   | PG10141557   | -  | -  |
|  | 2.20                 |   |   |  | PG10141572   |  |
|  | 2.80                 | -   | -   | -  | PG10141574*  | -  |
|  Sagola 3300 GTO Car (with RC2 Flow Regulator) | 1.20                 |   |   | PG10141553   |  | PG10141550   |
|  | 1.30                 |   |   | PG10141554   |  | PG10141551   |
|  | 1.40                 |   |   |  |  | PG10141552   |
| Aircap Only  |                      | PT56418645  | PT56418558  | PT56418552   | 64S Aircap<br>PT56418646<br>62S Aircap<br>PT56418647   | PT56418551   |

## PART NUMBERS

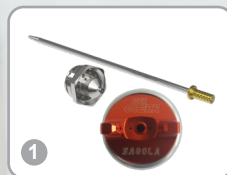
| Needle & Nozzle Kits  | Reference | Part Number | Description                |
|---|-----------|-------------|----------------------------|
|  | 1.20      | PT10011180  | 1.20mm Needle & Nozzle Kit |
|   | 1.30      | PT10011191  | 1.30mm Needle & Nozzle Kit |
|   | 1.40      | PT10011181  | 1.40mm Needle & Nozzle Kit |
|   | 1.60      | PT10011182  | 1.60mm Needle & Nozzle Kit |
|   | 1.80      | PT10011183  | 1.80mm Needle & Nozzle Kit |
|   | 2.00      | PT10011188  | 2.00mm Needle & Nozzle Kit |
|   | 2.20      | PT10011192  | 2.20mm Needle & Nozzle Kit |
|   | 2.80      | PT10011190  | 2.80mm Needle & Nozzle Kit |

\* The Sagola 3300 GTO 2.80 Spray gun, Part Number PG10141574 is supplied with a 62S Aircap

# Sagola 3300 GTO Kit Contents

Each **Sagola 3300 GTO** is supplied complete with:

- ① Aircap, needle & nozzle kit (supplied fitted)
- ② 650ml (22fl oz) Reusable plastic gravity cup with product mini-filter
- ③ Wrench for removing and fitting the nozzle and all servicing needs
- ④ Colour Code Identifiers perfect for identifying guns when there are multiple painters (x3)
- ⑤ Cleaning Brush
- ⑥ Key Assembly for changing the air valve



## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT40000335  | RC2 Economy Air Flow Regulator with Analogue Pressure Gauge  |
| PT56418084  | Reusable Gravity Cup - Plastic; 650ml (22fl oz) <sup>1</sup>   |
| PT56418082  | Reusable Gravity Cup - Aluminium; 1 Litre (33.8fl oz) <sup>2</sup>   |
| PT56418438  | Product Mini Filter (x10) for PT56418084   |
| PT56418003  | Product Filter (x10) for PT56418082  |
| PT55711612  | Coupling for Disposable Gravity Cup - 3M PPS   |
| PT55711616  | Coupling for Disposable Gravity Cup - MIPA-CARWOX  |
| PT55711614  | Coupling for Disposable Gravity Cup - GERSON-NORTON  |
| PT55711615  | Coupling for Disposable Gravity Cup - FLEXI-CUP  |
| PT55711618  | Coupling for Disposable Gravity Cup - DEVILBISS-DEKUPS   |
| PT55711620  | Coupling for Disposable Gravity Cup - SATA RPS   |
| PT55711623  | Coupling for Disposable Gravity Cup - COLAD  |
| PT56418513  | Gravity Cup Pressure Kit - A high precision micro regulator for spraying up to 0.2 bar high viscosity materials such as textured paints, gel-coat (polyester) and similar substances. Hose & Non-return valve included. Compatible with 2.00, 2.20 & 2.80mm Needle & nozzle sizes only |
| PT56418589  | Lubricant Grease (SAE 10), 100ml (3.38fl oz)   |
| PT40000086  | Spray Gun Cleaning Kit - includes a brush for outside cleaning and rods of different sizes for all the inner paths of the spray gun. Supplied in a case.   |



Optional RC2 Economy Flow Regulator with Pressure Gauge



Gravity Cup Pressure Kit



Spray Gun & Accessories Locker

## Spray Gun Stands & Locker

Ideal for storing your guns and accessories when not in use

|            |                                   |
|------------|-----------------------------------|
| PT40000245 | Magnetic Stand for One Spray Gun  |
| PT40000246 | Magnetic Stand for Two Spray Guns |
| PT70000010 | Spray Gun & Accessories Locker    |

<sup>1</sup>Product Mini-Filter included (x1)

<sup>2</sup> Product Mini-Filter not included

# SAGOLA 475 XTech Gravity Fed Touch Up Gun

A mini gravity spray gun designed to be small, light and precise, perfect for shading, retouching or spraying of small parts.



Special "mini" spray gun for maximum precision jobs.



Retouches in bodyshop.

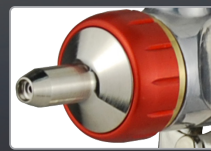
- **Precision**  
Precision solutions for detailing and retouches
- **High quality**  
Very high spray quality
- **3 Year warranty & virtually maintenance free**  
no internal or exterior gaskets



**COMPLIANCE:**  
ATEX II 2G x  
(Directive 2014/34/EU)



The special R5 aircap allows maximum precision for the finest feathering.



R5 Precision Aircap,  
Needle & Nozzle



## TECHNICAL SPECIFICATION

| Model                    | Sagola 475 XTech  |                    |  |
|--------------------------|---|--------------------|--|
| Cup Capacity             | 125ml (4.23fl oz)   | Cup Type           | Removable Anti-Drip System             |
| Air Inlet Couplings      | 6.35mm (1/4") Male BSP  | Paint Filter       | 100 mesh                               |
| Weight with Supplied Cup | 339.4g (0.75lbs)  | Weight without Cup | 272.9g (0.60lbs)                       |
| Dimensions without Cup   | 109 x 33 x 152mm<br>(4.29 x 1.30 x 5.98")   | Compliance         | ATEX II 2G x<br>(Directive 2014/34/EU) |
| Packing List             | Sagola 475 XTech Gravity Spray Gun with aircap, needle & nozzle kit (supplied fitted), 125ml (4.23fl oz) Reusable Plastic Gravity Cup with Product Filter (x1), Hexagonal Wrench & Cleaning Brush |                    |  |

## Sagola 475 XTech Conventional (CA) Aircap

| Needle, Nozzle & [Aircap] | Suitable For             | Working Pressure Range      | Air Consumption at 2bar (29psi) | Output Flow (average) | Application Distance | Fan Width (max) |
|---------------------------|--------------------------|-----------------------------|---------------------------------|-----------------------|----------------------|-----------------|
| 0.5mm [R5]                | Finest featherings       | 1.5 - 2.0bar (21.7 - 29psi) | 45l/min (1.59cfm)               | 38g/min (1.34oz/min)  | 18 - 20cm (7 - 7.9") | --              |
| 0.5mm [05]                | Feathering and retouches | 1.5 - 2.0bar (21.7 - 29psi) | 100l/min (3.53cfm)              | 60g/min (2.12oz/min)  | 18 - 20cm (7 - 7.9") | 140mm (5.5")    |
| 0.8mm [05]                | Feathering and retouches | 1.5 - 2.0bar (21.7 - 29psi) | 100l/min (3.53cfm)              | 73g/min (2.57oz/min)  | 18 - 20cm (7 - 7.9") | 162mm (6.4")    |
| 1.0mm [10]                | Feathering and retouches | 1.5 - 2.0bar (21.7 - 29psi) | 110l/min (3.88cfm)              | 90g/min (3.17oz/min)  | 18 - 20cm (7 - 7.9") | 160mm (6.3")    |

## PART NUMBERS

| Spray Gun Kit   | Needle & Nozzle Size | 475 XTech Aircap Type |  |            |
|---|----------------------|-----------------------|--|------------|
|   |                      | 05 aircap             | 10 aircap                                | R5 aircap  |
|  475 XTech | 0.50                 | PG20140801            | -  | PG20140804 |
|   | 0.80                 | PG20140802            | -  | -          |
|   | 1.00                 | -                     | PG20140803                               | -          |
| Aircap Only   |                      | PT56418246            | PT56418247                               | PT56418271 |
| Needle & Nozzle   | Reference            | Part Number           | Description                              |            |
|            | 0.50                 | PT10011196            | 0.50mm Needle & Nozzle Kit for R5 Aircap |            |
|   | 0.50                 | PT10011195            | 0.50mm Needle & Nozzle Kit for 05 Aircap |            |
|   | 0.80                 | PT10011197            | 0.80mm Needle & Nozzle Kit for 05 Aircap |            |
|   | 1.00                 | PT10011198            | 1.00mm Needle & Nozzle Kit for 10 Aircap |            |

## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT40000335  | RC2 Economy Air Flow Regulator with Analogue Pressure Gauge    |
| PT56418081  | Reusable Gravity Cup - Plastic; 125ml (4.23fl oz) <sup>1</sup> |
| PT56418079  | Reusable Gravity Cup - Plastic; 200ml (6.76fl oz) <sup>1</sup> |
| PT56418061  | Product Filter (x6) for PT56418081 & PT56418079                |

<sup>1</sup> Product Filter included (x1)



# SAGOLA Classic PRO XD Gravity Spray Gun

Features a wide range of application solutions, ideal for fillers and sanding surfacers products.



650ml (22fl oz) cup capacity.  
Cup with anti-drip system.



Ergonomic and comfortable.

## No joints

Designed with internal air distributor. No joints between air and paint. Just metal in contact with metal. Easy to maintain and easy to clean.

## PATENTS:

Community Design  
924667-0004  
PAT. 200801598

## COMPLIANCE:

ATEX II 2G x  
(Directive 94/9/CE)

- **Aircaps**  
High transfer aircaps
- **Needle & Nozzle**  
Made of stainless steel
- **Body**  
New matt chrome body



Optional RC2 Economy  
Flow Regulator with  
Pressure Gauge


## TECHNICAL SPECIFICATION


| Model                    | Sagola Classic Pro XD   |                    |                            |
|--------------------------|---|--------------------|----------------------------|
| Cup Capacity             | 650ml (22fl oz)   | Cup Type           | Removable Anti-Drip System |
| Air Inlet Couplings      | 6.35mm (1/4") Male BSP  | Paint Filter       | Not Supplied               |
| Weight with Supplied Cup | 665g (1.47lbs)  | Weight without Cup | 480.8g (1.06lbs)           |
| Dimensions without Cup   | 179.14 x 19 x 176.8mm (7.05 x 0.75 x 6.96")   |                    |                            |
| Compliance               | ATEX II 2G x (Directive 94/9/CE)  |                    |                            |
| Packing List             | Sagola Classic Pro XD Gravity Spray Gun with aircap, needle & nozzle kit (supplied fitted), 650ml (22fl oz) Reusable Plastic Gravity Cup (product filter not supplied), Hexagonal Wrench & Cleaning Brush |                    |                            |

## Classic Pro XD Conventional (CA) Aircap

| Needle, Nozzle & [Aircap] | Ideal for use with: | Working Pressure Range      | Air Consumption at 2bar (29psi) | Output Flow (average) | Application Distance   | Fan Width (max) |
|---------------------------|---------------------|-----------------------------|---------------------------------|-----------------------|------------------------|-----------------|
| 1.6mm [21EPA]             | Sanding surfacers   | 1.5 - 2.0bar (21.7 - 29psi) | 225l/min (7.95cfm)              | 147g/min (5.19oz/min) | 18 - 20cm (7 - 7.9")   | 290mm (11.4")   |
| 1.8mm [21EPA]             |                     | 1.5 - 2.0bar (21.7 - 29psi) |                                 | 179g/min (6.31oz/min) |                        | 320mm (12.6")   |
| 1.6mm [HVLP]              | Sanding surfacers   | 1.5 - 2.0bar (21.7 - 29psi) | 355l/min (12.54cfm)             | 202g/min (7.13oz/min) | 12 - 15cm (4.7 - 5.9") | 250mm (9.8")    |
| 1.8mm [HVLP]              |                     | 1.5 - 2.0bar (21.7 - 29psi) |                                 | 235g/min (8.29oz/min) |                        | 280mm (11.2")   |
| 2.0mm [25]                | Filler coats        | 1.8 - 2.5bar (21.7 - 36psi) | 155l/min (5.47cfm)              | 218g/min (7.69oz/min) | 18 - 20cm (7 - 7.9")   | 280mm (11.0")   |
| 2.8mm [28]                |                     |                             | 240l/min (8.48cfm)              | 263g/min (9.29oz/min) |                        | 240mm (9.4")    |
| 2.5mm [36]                |                     |                             | 205l/min (7.24cfm)              | 249g/min (8.78oz/min) |                        | 230mm (9.0")    |

## PART NUMBERS

| Spray Gun Kit   | Needle & Nozzle Size | Classic Pro XD Aircap Type |             |            |            |            |
|---|----------------------|----------------------------|-------------|------------|------------|------------|
|   |                      | 21 EPA aircap              | HVLP aircap | 25 aircap  | 28 aircap  | 36 aircap  |
|  | 1.60                 | PG10141623                 | PG10141624  | -          | -          | -          |
|   | 1.80                 | PG10141625                 | PG10141626  | -          | -          | -          |
|   | 2.00                 | -                          | -           | PG10141627 | -          | -          |
|   | 2.50                 | -                          | -           | -          | -          | PG10141629 |
|   | 2.80                 | -                          | -           | -          | PG10141630 | -          |
| Aircap Only   |                      | PT56418639                 | PT56418643  | PT56418640 | PT56418641 | PT56418642 |

| Needle & Nozzle   | Reference | Part Number | Description                |
|---|-----------|-------------|----------------------------|
|  | 1.60      | PT10011255  | 1.60mm Needle & Nozzle Kit |
|   | 1.80      | PT10011256  | 1.80mm Needle & Nozzle Kit |
|   | 2.00      | PT10011257  | 2.00mm Needle & Nozzle Kit |
|   | 2.50      | PT10011259  | 2.50mm Needle & Nozzle Kit |
|   | 2.80      | PT10011260  | 2.80mm Needle & Nozzle Kit |

## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT40000335  | RC2 Economy Air Flow Regulator with Analogue Pressure Gauge  |
| PT56418084  | Reusable Gravity Cup - Plastic, 650ml (22fl oz) <sup>1</sup> |
| PT56418438  | Product Mini-Filter (x10)                                    |

<sup>1</sup> Product Mini-Filter included (x1)

# SAGOLA Classic LUX Gravity Spray Gun

A versatile gravity spray gun with a low air consumption complete with air, paint and flow regulators, ideal for conventional spraying requirements.



Air, product and fan width regulator.



New chromed body.

## Cup

650ml gravity cup with anti-drip system and paint filter.

## Low air consumption

High quality nozzles with very low air consumption.

- **Ergonomics**  
Comfortable and easy to use
- **Needle & Nozzle**  
Made of stainless steel
- **Versatile**  
Ideal for sanding surfacers and fillers

**COMPLIANCE:**  
ATEX II 2G x  
(Directive 94/9/CE)

## TECHNICAL SPECIFICATION

| Model                    | Sagola Classic Lux  |                    |                            |
|--------------------------|---|--------------------|----------------------------|
| Cup Capacity             | 650ml (22fl oz)   | Cup Type           | Removable Anti-Drip System |
| Air Inlet Couplings      | 6.35mm (1/4") Male BSP  | Paint Filter       | Not Supplied               |
| Weight with Supplied Cup | 674g (1.49lbs)  | Weight without Cup | 485.5g (1.07lbs)           |
| Dimensions without Cup   | 177.19 x 19 x 171.33mm (6.98 x 0.75 x 6.75")  |                    |                            |
| Compliance               | ATEX II 2G x (Directive 94/9/CE)  |                    |                            |
| Packing List             | Sagola Classic Lux Gravity Spray Gun with aircap, needle & nozzle kit (supplied fitted), 650ml (22fl oz) Reusable Plastic Gravity Cup with Product Filter (x1), Hexagonal Wrench & Cleaning Brush |                    |                            |

## Classic LUX Conventional (CA) Aircap

| Needle, Nozzle & [Aircap] | Ideal for use with:   | Working Pressure Range      | Air Consumption at 2bar (29psi) | Output Flow (average) | Application Distance | Fan Width (max) |
|---------------------------|-----------------------|-----------------------------|---------------------------------|-----------------------|----------------------|-----------------|
| 1.4mm [40]                | Basecoats, Clearcoats | 1.5 - 2.0bar (21.7 - 29psi) | 190l/min (6.71cfm)              | 218g/min (7.7oz/min)  | 18 - 20cm (7 - 7.9") | 210mm (8.26")   |
| 1.6mm [40]                | Sanding surfacers     | 1.5 - 2.0bar (21.7 - 29psi) | 190l/min (6.71cfm)              | 125g/min (4.4oz/min)  | 18 - 20cm (7 - 7.9") | 215mm (8.46")   |
| 1.8mm [40]                | Sanding surfacers     | 1.5 - 2.0bar (21.7 - 29psi) | 190l/min (6.71cfm)              | 217g/min (7.6oz/min)  | 18 - 20cm (7 - 7.9") | 250mm (9.84")   |
| 2.0mm [41]                | Fillers               | 1.8 - 2.5bar (21.7 - 36psi) | 210l/min (7.42cfm)              | 206g/min (7.3oz/min)  | 18 - 20cm (7 - 7.9") | 255mm (10.04")  |
| 2.5mm [42]                | Fillers               | 1.8 - 2.5bar (21.7 - 36psi) | 220l/min (7.42cfm)              | 144g/min (5.1oz/min)  | 18 - 20cm (7 - 7.9") | 215mm (8.46")   |

## PART NUMBERS

| Spray Gun Kit   | Needle & Nozzle Size | Classic LUX Aircap |            |            |
|---|----------------------|--------------------|------------|------------|
|   |                      | 40 aircap          | 41 aircap  | 42 aircap  |
|  | 1.40                 | PG20141406         | -          | -          |
|   | 1.60                 | PG20141401         | -          | -          |
|   | 1.80                 | PG20141402         | -          | -          |
|   | 2.00                 | -                  | PG20141404 | -          |
|   | 2.50                 | -                  | -          | PG20141403 |

| Aircap, Needle & Nozzle Kit   | Part Number | Description  |
|---|-------------|--|
|  | 1.40        | PT10011380 40 Aircap with 1.40mm Needle & Nozzle Kit |
|   | 1.60        | PT10011370 40 Aircap with 1.60mm Needle & Nozzle Kit |
|   | 1.80        | PT10011371 40 Aircap with 1.80mm Needle & Nozzle Kit |
|   | 2.00        | PT10011372 41 Aircap with 2.00mm Needle & Nozzle Kit |
|   | 2.50        | PT10011373 42 Aircap with 2.50mm Needle & Nozzle Kit |

## ACCESSORIES

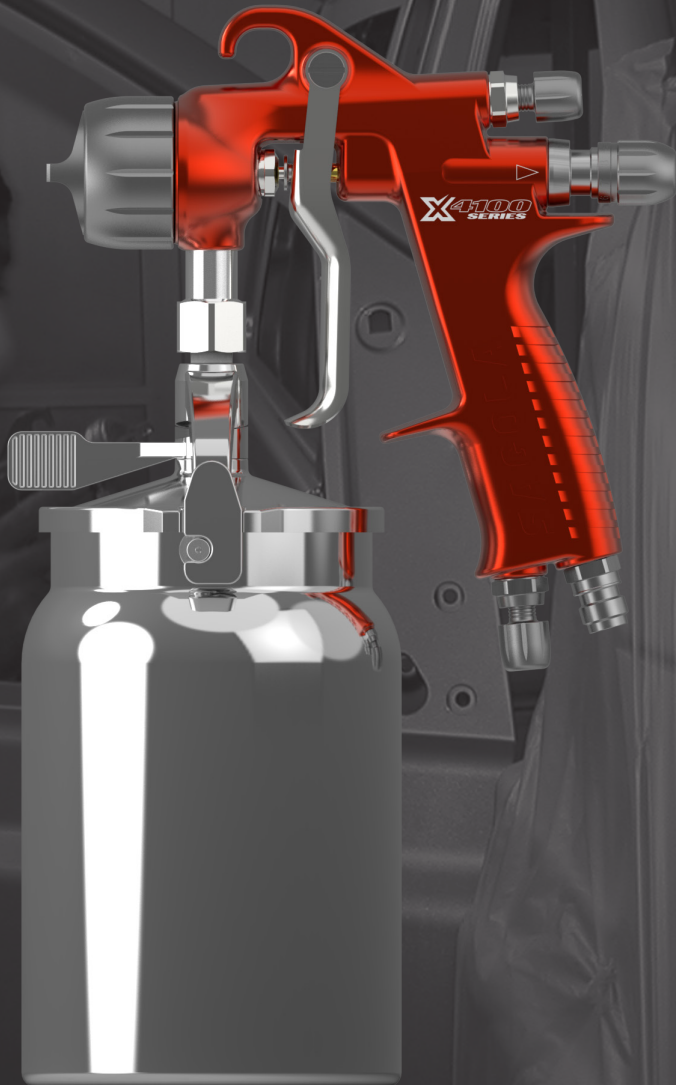
| Part Number | Description  |
|-------------|--|
| PT40000335  | RC2 Economy Air Flow Regulator with Analogue Pressure Gauge  |
| PT56418420  | Reusable Gravity Cup - Plastic; 650ml (22fl oz) <sup>1</sup> |
| PT56418017  | Product Filter (x10)   |

<sup>1</sup>Product Filter included (x1)



# Suction Fed Spray Gun

Suction systems allow spraying at right angles to the surface when spraying bonnets/hoods, roofs, internal parts, trucks chassis, trailers, etc.



The Sagola suction fed spray gun incorporates the latest technology to make it the perfect tool for high demand quality finishes. The robust and ergonomic design makes it ideal for **continuous use**.

## Versatile - one gun does it all

You can use any aircap with any nozzle. So if you need to increase your nozzle size, simply change your nozzle and keep your aircap. Alternatively, you can change your aircap and keep your nozzle, the choice is yours.

## Engineering excellence

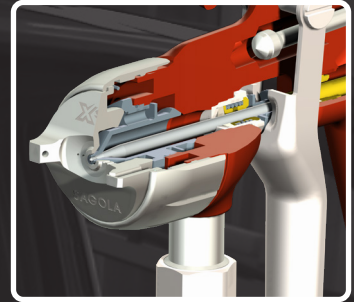
Forged aluminium body, metal-only parts in product area, stainless steel nozzles, needles and triggers... a compilation of the best materials to reach the highest quality standards.

## 1 litre aluminium cup

Supplied with a 1 litre aluminium suction cup - ideal for use in industrial bodyshops and spraying larger surfaces.

## High transfer aluminium aircaps

The aluminium aircaps reduce the weight at the front of the gun, moving the centre of gravity into the palm of the hand to achieve a better balanced and ergonomic spray gun. Its unique design and quality construction ensure the highest rates of transfer efficiency.



High transfer aluminium aircaps. Nozzles & needles in stainless steel.



1litre (33.8fl oz) aluminium cup.



Bonnets or hoods, roofs, vehicles inside parts, trucks chassis, trailers, etc.

## SAGOLA X 4100 Series Suction Spray Guns

High speed application with a high quality finish.



- **3 Year warranty**  
with minimal maintenance required
- **Engineering excellence**  
all products are quality tested before they leave the factory
- **Interchangeable aircaps, needles & nozzles**  
for a high quality spray, whatever the coating



The large capacity and application speed of the Sagola X 4100 means its ideal for spraying large areas, machinery or industrial vehicles.

### Small, light and easy to use

To reduce fatigue and improve usability the size and weight of the Sagola X 4100 has been reduced and the centre of gravity altered to make it more comfortable.

### Precision control

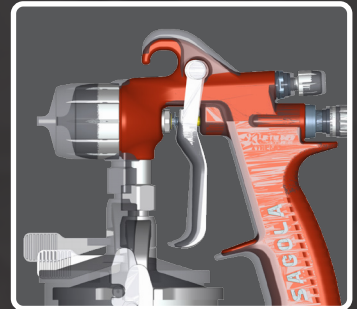
As well as the 'soft flow' air valve that provides the ultimate feeling of control on the trigger at any air inlet pressure, the product regulator allows fingertip adjustment of the amount of product you want to apply whilst the progressive fan regulator allows you to alter the pattern size to suit your needs.

### Metal on metal contact

No gaskets, rubber or plastic parts on product area. Designed without air diffusers. Extremely easy to maintain and clean.

### Wide range of high performance aluminium aircaps and nozzles

With a range of aircaps to fit any spraying need the durable anodized aluminium aircaps are corrosion resistant - ideal for tough environments.



Reduction of size; Weight reduction and ergonomic improvement.



Air valve "Soft Flow" provides ultimate control at the trigger.



High speed of application.

**COMPLIANCE:**  
ATEX II 2G x  
(Directive 2014/34/EU)



# Ordering Information

The **Sagola X 4100 Series** is available to purchase as a complete kit with the aircap, needle and nozzle specified supplied and fitted.



## X Series Conventional (CA) Aircap

Ideal for basecoats, primers and fillers

| Needle & Nozzle [Aircap] | Ideal for use with:      | Working Pressure Range    | Air Consumption at 2bar (29psi) | Output Flow (average) | Application Distance | Fan Width (max) |
|--------------------------|--------------------------|---------------------------|---------------------------------|-----------------------|----------------------|-----------------|
| <b>1.4mm [XT01]</b>      | Basecoats                | 2.0 - 2.2bar (29 - 32psi) | 295l/min (10.42cfm)             | 175g/min (6.17oz/min) | 18 - 20cm (7 - 7.9") | 255mm (10")     |
| <b>1.6mm [XT01]</b>      | Washprimers              | 2.0 - 2.5bar (29 - 36psi) | 295l/min (10.42cfm)             | 241g/min (8.5oz/min)  | 18 - 20cm (7 - 7.9") | 305mm (12")     |
| <b>1.8mm [XT01]</b>      | Primers & Fillers        | 2.0 - 3.0bar (29 - 44psi) | 295l/min (10.42cfm)             | 234g/min (8.25oz/min) | 18 - 20cm (7 - 7.9") | 295mm (11.6")   |
| <b>1.4mm [96]</b>        | Basecoats                | 2.0 - 2.2bar (29 - 32psi) | 280l/min (9.88cfm)              | 168g/min (5.92oz/min) | 18 - 20cm (7 - 7.9") | 235mm (9.3")    |
| <b>1.6mm [96]</b>        | Clearcoats, Single Stage | 2.0 - 2.5bar (29 - 36psi) | 280l/min (9.88cfm)              | 235g/min (8.29oz/min) | 18 - 20cm (7 - 7.9") | 295mm (11.6")   |
| <b>1.8mm [96]</b>        | Primers & Fillers        | 2.0 - 2.5bar (29 - 36psi) | 280l/min (9.88cfm)              | 228g/min (8.04oz/min) | 18 - 20cm (7 - 7.9") | 285mm (11.2")   |

## TECHNICAL SPECIFICATION

| Model                    | Sagola X 4100 Series                   |                    |                       |
|--------------------------|--|--------------------|-----------------------|
| Cup Capacity             | 1 litre (33.81fl oz)                   | Cup Type           | Aluminium Suction Cup |
| Air Inlet Couplings      | 6.35mm (¼") Male BSP                   | Paint Filter       | 250 microns (9.8mils) |
| Compliance               | ATEX II 2G x (Directive 2014/34/EU)    |                    |                       |
| Weight with Supplied Cup | 895g (1.98lbs)                         | Weight without Cup | 502g (1.1lbs)         |
| Dimensions without Cup   | 200 x 170 x 42mm (7.87 x 6.69 x 1.65") |                    |                       |

## PART NUMBERS

| Spray Gun Kit            | Needle & Nozzle Size | X 4100 Series Aircap Type |               |
|--------------------------|----------------------|---------------------------|---------------|
|                          |                      | 96 X Series               | XT01 X Series |
| <b>X 4100 Series</b><br> | <b>1.40</b>          | PG10121001                | -             |
|                          | <b>1.60</b>          | PG10121006                | PG10121007    |
|                          | <b>1.80</b>          | PG10121003                | PG10121005    |
| Aircap Only              |                      | PT56418573                | PT56418564    |

| Needle & Nozzle Kits | Reference   | Part Number | Description                  |
|----------------------|-------------|-------------|------------------------------|
|                      | <b>1.40</b> | PT56418565  | 1.40mm Needle and Nozzle Kit |
|                      | <b>1.60</b> | PT10011155  | 1.60mm Needle and Nozzle Kit |
|                      | <b>1.80</b> | PT10011124  | 1.80mm Needle and Nozzle Kit |

# Sagola X 4100 Series Kit Contents

Each Sagola X 4100 Series is supplied complete with:

- ① Aircap, needle & nozzle kit (supplied fitted)
- ② 1L (33.8fl oz) Suction Cup with Product Filter
- ③ Wrench for removing and fitting the nozzle and all servicing needs
- ④ Cleaning Brush
- ⑤ Key Assembly for changing the air valve



## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT56418074  | Reusable Suction Cup - Aluminium; 1 Litre (33.8fl oz)  |
| PT56418014  | Product Filter Kit (x10)   |
| PT56418013  | Anti-drip Lid (x5)   |
| PT56418509  | Deposit Closure Flanged Washer   |
| PT56418445  | Air Valve Kit  |
| PT56411616  | Paint Packing Nut  |
| PT56418441  | Air Gasket Replacement Kit (x6)  |
| PT40000086  | Spray Gun Cleaning Kit - includes a brush for outside cleaning and rods of different sizes for all the inner paths of the spray gun. Supplied in a case. |



Extension



Spray gun cleaning kit

## Spray Gun Stands & Locker

Ideal for storing your guns and accessories when not in use

|            |                                |
|------------|--------------------------------|
| PT70000010 | Spray Gun & Accessories Locker |
|------------|--------------------------------|



Spray Gun & Accessories Locker

# Undercoating Guns

Suction systems allow spraying at right angles to the surface when spraying bonnets/hoods, roofs, internal parts, trucks chassis, trailers, etc.

**Sagola 416 Suction Pneumatic Gun** for 1 litre (33.8fl oz) standard acoustic insulation, anti-gravel or underbody protection cartridges that screw directly on to the gun.

**3-10bar  
(43.5 - 145psi)**

Working pressure

**1litre (33.8fl oz)  
Cartridges**

Gun designed for the application of standardised 1 litre cartridges



## Control

Adjustable metallic aircap to control the quantity and texture of the product

## TECHNICAL SPECIFICATION

| Part Number        | Description   |                               |
|--------------------|---|-------------------------------|
| Dimensions         | 186.7 x 45 x 311.2mm (7.35 x 1.77 x 12.25")                   | Weight (empty) 520g (1.15lbs) |
| Air Inlet Coupling | 6.35mm (1/4") Male BSP  |                               |
| Air Consumption    | 160l/min (at 3.5bar) / 5.6cfm (at 50.7psi)                    |                               |
| Maximum Pressure   | 10bar (145psi)  |                               |
| Working Pressure   | 3 - 10bar (43.5 - 145psi)                                     |                               |
| Packing List       | Sagola 416 PRO Undercoating Gun with aircap (supplied fitted) |                               |
| PG20330401         | Sagola 416 Pneumatic Undercoating Gun                         |                               |



**Sagola 518 PRO Pneumatic Gun** complete with pressurised 1 litre (33.8fl oz) can for anti-gravel or underbody protection cartridges, offers high atomization quality and maximum productivity.

### Complete

with pressurised anodized aluminium can

### 2-4bar (29 - 58psi)

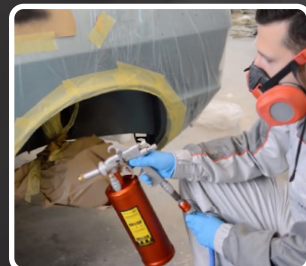
Working pressure

### Precision

High precision regulation of the nozzle to control the texture

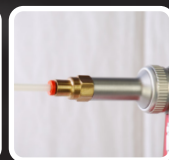
### Depressurization valve

High precision



### Total regulation

Product flow and air inlet pressure regulation



Optional special aircap and extension kit for cavity wax

## TECHNICAL SPECIFICATION

| Part Number               | Description   |                |                  |
|---------------------------|---|----------------|------------------|
| Dimensions with Cannister | 228.1 x 100 x 364.5mm (8.98 x 3.94 x 14.35")  | Weight (empty) | 1,379g (3.02lbs) |
| Air Inlet Coupling        | 6.35mm (1/4") Male BSP  |                |                  |
| Air Consumption           | 160l/min (at 3.5bar) / 5.6cfm (at 50.7psi)  |                |                  |
| Maximum Pressure          | 10bar (145psi)  |                |                  |
| Working Pressure          | 2 - 4bar (29 - 58psi)   |                |                  |
| Packing List              | Sagola 518 PRO Undercoating Gun with 1L (33.8fl oz) pressurized can, aircap and 2.00mm needle & nozzle kit (supplied fitted). |                |                  |
| PG10330301                | Sagola 518 PRO Pneumatic Undercoating Gun   |                |                  |
| PT56418705                | Aircap & Extension Kit for Cavity Wax   |                |                  |



# Pressure Spray Systems

The best option for high quality finishes on large surfaces. High product flow rates exceeding 300 grams per minute, large fan patterns of more than 50cm (ideal for large surface areas) and high transfer aircaps make the Sagola pressure spray guns the best partner for any industrial bodyshop spraying project.

The endless combination possibilities of fluid nozzle sizes and aircaps, ensure a perfect match for any spraying process: basecoats, clearcoats, primers, fillers.

## Avoid constant refilling

When continuous use is the key, increase your productivity by switching to a double diaphragm pump or a pressure pot that can hold up to 50 litres.

## Many nozzles in one

Need more product flow? Just increase the product pressure in the pump or in the pressure pot keeping the same nozzle size. One nozzle size can be suitable for different products with different viscosities by regulating the pressure of the paint.

## Application speed

Nothing in the air spraying range comes close to pressure guns in terms of product flow and fan pattern size. The possibility of increasing the pressure of paint, allows the painter to get the desired product flow in huge fan patterns, ideal to cover large surfaces.

## Industrial scale spraying – automotive quality

The range of aircaps designed by Sagola for its pressure spray guns guarantees an unbeatable quality of finish all with industrial product flows and fan pattern sizes.

# Pressure Systems Explained

## Choose your spray gun



### **X 4100 series**

High quality finish with high transfer efficiency, the ultimate in industrial spray guns.



### **Mini Xtreme**

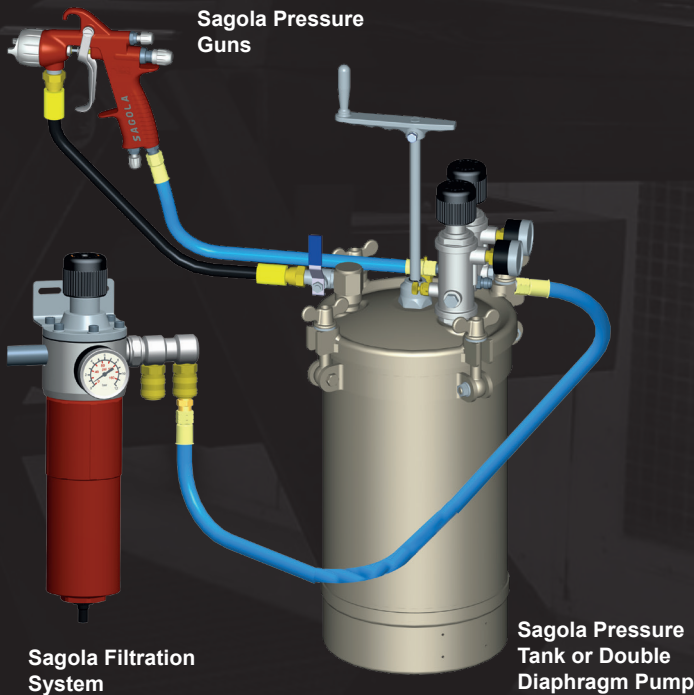
Ergonomic and lightweight for difficult to access areas and long spraying sessions.



### **3300 GTO**

Wide range of applications solutions which comply with strictest safety and solvent emissions standards.

## Select pump or pressure pot



Sagola Pressure Guns

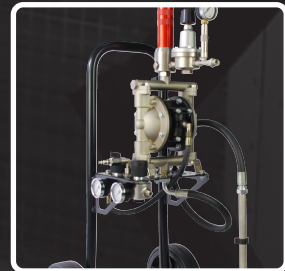
Sagola Filtration System

Sagola Pressure Tank or Double Diaphragm Pump



### **Pressure Pots**

Sagola pressure pots and tanks are suitable for large surface areas and are easy to clean & maintain.



### **Double Diaphragm Pumps**

Sagola double diaphragm pumps are ideal for high volume continuous work or multiple guns.

# SAGOLA X 4100 Series Pressure Spray Guns

Engineered for the most demanding industrial bodyshop the **Sagola X 4100 Series** Pressure Spray Gun is ergonomic, robust and offers unbeatable finish quality.



Fast paint application.



- **Ergonomic and easy to use**  
perfectly balanced and comfortable use over long periods
- **Minimal maintenance**  
with no seals or plastic parts in the product area it is easy to clean and maintain
- **Interchangeable aircaps, needles & nozzles**  
for high quality spraying, whatever the coating

**COMPLIANCE:**  
ATEX II 2G x  
(Directive 2014/34/EU)

Ideal for continuous use the **Sagola X 4100 Series** Pressure Spray Gun offers a high quality spray, whatever the coating.

### Small, light and easy to use

To reduce fatigue and improve usability the size and weight of the Sagola X 4100 has been reduced and the centre of gravity optimised to make it more comfortable.

### Metal on metal contact

No gaskets, rubber or plastic parts on product area. Designed without air diffusers. Easy to maintain and clean.

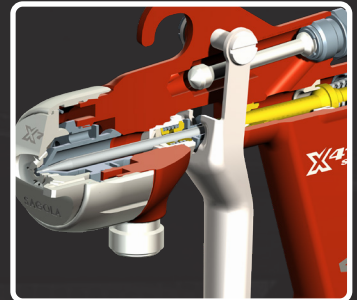


Reduction of size; Weight reduction and ergonomic improvement.



### High transfer aluminium aircaps

With a range of aircaps to fit any spraying need the durable anodized aluminium aircaps are corrosion resistant - ideal for tough environments.



Metal on metal technology. Manufactured without gaskets or seals in product area.

### Versatile - one gun does it all

You can use any aircap with any nozzle. So if you need to increase your nozzle size, change your nozzle and keep your aircap. You can also change your aircap and keep your nozzle.

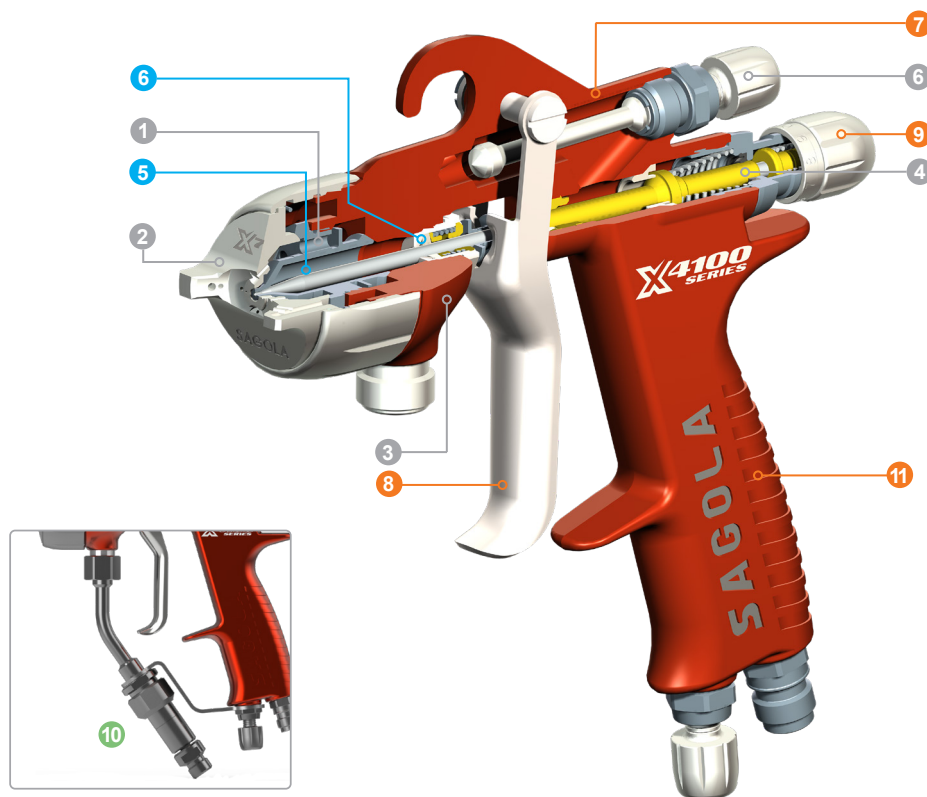
Turn your Sagola X 4100 into a HVLP spray gun by changing the aircap. Unique in the market.



Ideal for industrial vehicles.



# Sagola X 4100 Series Explained



## TECHNICAL SPECIFICATION

| Part Number                    | Description                            |
|--------------------------------|--|
| Dimensions                     | 20 x 17 x 4.2cm (7.87 x 6.7 x 1.65")   |
| Weight (with Filter Holder)    | 645g (1.42lbs)                         |
| Air Inlet Couplings            | 6.35mm (1/4") Male BSP                 |
| Paint Filter                   | 80 mesh                                |
| Product Inlet Coupling         | 9.5mm (3/8") Male BSP                  |
| Design Pressure                | 8bar (116psi)                          |
| Working Pressure               | 2 - 3bar (29 - 43.5psi)                |
| Sound Pressure Level (Average) | 80 dB                                  |
| Compliance                     | ATEX II 2G x<br>(Directive 2014/34/EU) |
| Ordering Information           | see page 1-54                          |

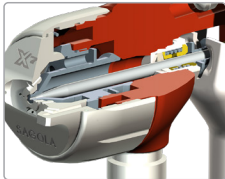
## Consistent quality finish guaranteed

- 1 Interchangeable stainless steel nozzles for optimum paint flow, fast and smooth application
- 2 Interchangeable colour coded aluminium aircaps available in high transfer Conventional (CA) and HVLP, perfect for colour matching and finish for basecoats, clearcoats and one coat systems.
- 3 There are no metallic or plastic external parts used for air distribution, making the cleaning process easier.
- 4 High precision “soft flow” air valve allows accurate set up of air pressure without wasting paint.

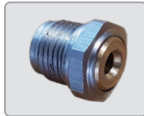
**NO PAINT SPRAYING IS REQUIRED** - meaning no paint is wasted whilst setting up optimal spray pattern.

## Low maintenance

- 5 Manufactured without gaskets or seals in product area. No air diffusers, blind chambers or threads in contact with the paint/product/material. Just metal in contact with metal. Easy to clean and maintain.



- 6 Manufactured with only one single piece automatic paint packing gland minimising potential damage and breakage and making it much easier to remove when cleaning the gun.



## Making the spray painter's job easier

- 7 Anodized forged aluminium body; ergonomic, light and perfectly balanced. Great robustness and high protection against corrosion.
- 8 Ergonomically designed stainless steel trigger reducing operator discomfort and fatigue.
- 9 Product regulator. Great sensitivity in adjusting the amount of material to apply.
- 10 Optional filter holder with swivel coupling, see page 1-55 for more information.

**Patents and Registered Designs**  
07380321.5, 08380132.4, 3.300.029

# Sagola X 4100 Series Aircaps, Needle & Nozzle Kits

With high **product transfer efficiency** giving better coverage saving paint and time, the **Sagola X Series Aircaps** offer one of the **highest performances** and **lowest air consumption** in their category.

## TECHNICAL SPECIFICATION



### X SERIES XT01 B Conventional (CA) Aircap

Ideal for basecoats, primers and fillers

| Nozzle           | Ideal for use with: | Working Pressure Range       | Typical paint pressure         | Air Consumption at 2bar (29psi) | Application Distance    |
|------------------|---------------------|------------------------------|--------------------------------|---------------------------------|-------------------------|
| 1.00<br>(1.40mm) | Basecoats           | 1.8 - 2.2bar<br>(26 - 32psi) | 0.5 - 1.0bar<br>(7 - 14.5psi)  | 295l/min<br>(10.42cfm)          | 18 - 20cm<br>(7 - 7.9") |
| 1.20<br>(1.20mm) | Washprimers         | 2.0 - 2.5bar<br>(29 - 36psi) | 1.0 - 1.5bar<br>(14.5 - 22psi) | 295l/min<br>(10.42cfm)          | 18 - 20cm<br>(7 - 7.9") |
| 1.40<br>(1.40mm) | Primer and Fillers  | 2.0 - 2.5bar<br>(29 - 36psi) | 2.0 - 2.5bar<br>(29 - 36psi)   | 295l/min<br>(10.42cfm)          | 18 - 20cm<br>(7 - 7.9") |



### X SERIES SUPER VIT Conventional (CA) Aircap

Ideal for basecoats, primers and fillers

| Nozzle           | Ideal for use with: | Working Pressure Range       | Typical paint pressure         | Air Consumption at 2bar (29psi) | Application Distance    |
|------------------|---------------------|------------------------------|--------------------------------|---------------------------------|-------------------------|
| 1.00<br>(1.00mm) | Basecoats           | 1.8 - 2.2bar<br>(26 - 32psi) | 0.5 - 1.0bar<br>(7 - 14.5psi)  | 380l/min<br>(13.42cfm)          | 18 - 20cm<br>(7 - 7.9") |
| 1.20<br>(1.20mm) | Washprimers         | 2.0 - 2.5bar<br>(29 - 36psi) | 1.0 - 1.5bar<br>(14.5 - 22psi) | 380l/min<br>(13.42cfm)          | 18 - 20cm<br>(7 - 7.9") |
| 1.30<br>(1.30mm) | Primer and Fillers  | 2.0 - 2.5bar<br>(29 - 36psi) | 2.0 - 2.5bar<br>(29 - 36psi)   | 380l/min<br>(13.42cfm)          | 18 - 20cm<br>(7 - 7.9") |
| 1.40<br>(1.40mm) | Primer and Fillers  | 2.0 - 2.5bar<br>(29 - 36psi) | 2.0 - 2.5bar<br>(29 - 36psi)   | 380l/min<br>(13.42cfm)          | 18 - 20cm<br>(7 - 7.9") |




### X SERIES XT03 High Volume Low Pressure (HVLP) Aircap


For high volume and low pressure applications - ideal for basecoats or washprimers.


| Nozzle           | Ideal for use with: | Working Pressure Range       | Typical paint pressure         | Air Consumption at 2bar (29psi) | Application Distance      |
|------------------|---------------------|------------------------------|--------------------------------|---------------------------------|---------------------------|
| 1.00<br>(1.00mm) | Basecoats           | 1.8 - 2.2bar<br>(26 - 32psi) | 0.5 - 1.0bar<br>(7 - 14.5psi)  | 460l/min<br>(16.24cfm)          | 12 - 15cm<br>(4.7 - 5.9") |
| 1.20<br>(1.20mm) | Washprimers         | 2.0 - 2.5bar<br>(29 - 36psi) | 1.0 - 1.5bar<br>(14.5 - 22psi) | 460l/min<br>(16.24cfm)          | 12 - 15cm<br>(4.7 - 5.9") |

<sup>1</sup> EPA: Environmental Protection Agency

The Sagola X 4100 Series Aircap range consists of high transfer conventional (CA) and HVLP aircaps for perfect colour matching and finish for basecoats, clearcoats and one coat systems.

|  <b>X SERIES 3030 Conventional (CA) Aircap</b><br>Ideal for primers and fillers |                     |                              |                                |                                 |                         |
|--|---------------------|------------------------------|--------------------------------|---------------------------------|-------------------------|
| Nozzle   | Ideal for use with: | Working Pressure Range       | Typical paint pressure         | Air Consumption at 2bar (29psi) | Application Distance    |
| 1.20<br>(1.20mm)   | Primer and Fillers  | 2.0 - 2.5bar<br>(29 - 36psi) | 1.0 - 2.0bar<br>(14.5 - 29psi) | 514l/min<br>(18.15cfm)          | 12 - 15cm<br>(7 - 7.9") |
| 1.40<br>(1.40mm)   | Primer and Fillers  | 2.0 - 2.5bar<br>(29 - 36psi) | 1.0 - 2.0bar<br>(14.5 - 29psi) | 514l/min<br>(18.15cfm)          | 12 - 15cm<br>(7 - 7.9") |

|  <b>X SERIES 777 Conventional (CA) Aircap</b><br>Ideal for clearcoats and single stage |   |                              |                                |                                 |                         |
|---|---|------------------------------|--------------------------------|---------------------------------|-------------------------|
| Nozzle  | Ideal for use with:                             | Working Pressure Range       | Typical paint pressure         | Air Consumption at 2bar (29psi) | Application Distance    |
| 1.00<br>(1.00mm)  | MS Clearcoats                                   | 2.0 - 2.5bar<br>(29 - 36psi) | 0.8 - 1.5bar<br>(11.6 - 22psi) | 345l/min<br>(12.18cfm)          | 18 - 20cm<br>(7 - 7.9") |
| 1.20<br>(1.20mm)  | HS Clearcoats<br>UHS Clearcoats<br>Single Stage | 2.0 - 2.5bar<br>(29 - 36psi) | 0.8 - 1.5bar<br>(11.6 - 22psi) | 345l/min<br>(12.18cfm)          | 18 - 20cm<br>(7 - 7.9") |

|  <b>X SERIES 765 Conventional (CA) Aircap</b><br>Ideal for basecoats and primers |                     |                              |                                |                                 |                         |
|---|---------------------|------------------------------|--------------------------------|---------------------------------|-------------------------|
| Nozzle  | Ideal for use with: | Working Pressure Range       | Typical paint pressure         | Air Consumption at 2bar (29psi) | Application Distance    |
| 1.00<br>(1.00mm)  | Basecoats           | 1.8 - 2.5bar<br>(26 - 36psi) | 0.5 - 1.0bar<br>(7 - 14.5psi)  | 315l/min<br>(11.12cfm)          | 18 - 20cm<br>(7 - 7.9") |
| 1.20<br>(1.20mm)  | Basecoats           | 1.8 - 2.5bar<br>(26 - 36psi) | 0.5 - 1.0bar<br>(7 - 14.5psi)  | 315l/min<br>(11.12cfm)          | 18 - 20cm<br>(7 - 7.9") |
| 1.40<br>(1.40mm)  | Washprimers         | 2.0 - 2.5bar<br>(29 - 36psi) | 1.0 - 1.5bar<br>(14.5 - 22psi) | 315l/min<br>(11.12cfm)          | 18 - 20cm<br>(7 - 7.9") |

HVLP: High Volume Low Pressure



# Sagola X 4100 Series Ordering Information

The **Sagola X 4100 Series** is available to purchase as a complete kit with the aircap, needle and nozzle specified supplied and fitted.

Alternatively, as the spray gun is universal it can be used with any of the aircaps in the X Series, all items can be purchased separately to meet your specific requirements.

## PART NUMBERS

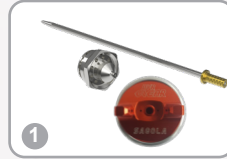
| Spray Gun Kit  |      | X 4100 series Aircap Type  |   |  |  |  |   |
|--|------|--|---|--|--|--|---|
|  |      | XT01 B<br>X series  | Super VIT<br>X series  | XT03<br>X series  | 3030<br>X series  | 777<br>X series  | 765<br>X series  |
| X 4100 series<br> | 1.00 | PG10152408   | PG10152413  | PG10152406   | -  | PG10152404   | PG10152401  |
|  | 1.20 | PG10152409   | PG10152414  | PG10152407   | PG10152411   | PG10152405   | PG10152402  |
|  | 1.30 |  | PG10152415  |  |  |  |   |
|  | 1.40 | PG10152410   | PG10152416  | -  | PG10152412   | -  | PG10152403  |
| Aircap Only  |      | PT56418564   | PT56418702  | PT56418566   | PT56418572   | PT56418576   | PT56418571  |

| Needle & Nozzle Kits  | Reference | Part Number | Description                |
|---|-----------|-------------|----------------------------|
|  | 1.00      | PT10011252  | 1.00mm Needle & Nozzle Kit |
|   | 1.20      | PT10011253  | 1.20mm Needle & Nozzle Kit |
|   | 1.30      | PT10011121  | 1.30mm Needle & Nozzle Kit |
|   | 1.40      | PT10011122  | 1.40mm Needle & Nozzle Kit |

# Sagola X 4100 Series Kit Contents

Each Sagola X 4100 Series is supplied complete with:

- ① Aircap, needle & nozzle kit (supplied fitted)
- ② Wrench for removing and fitting the nozzle and all servicing needs
- ④ Cleaning Brush
- ④ Key Assembly for changing the air valve



## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT56418020  | RC1 Premium Air Flow Regulator with Analogue Pressure Gauge  |
| PT56410110  | Filter Holder with Swivel Coupling   |
| PT56418057  | Filter holder with Swivel Coupling & Product Tube  |
| PT56418053  | Product Filter; 100 Mesh (x10)   |
| PT56418054  | Product Filter, 60 Mesh (x10)  |
| PT52411721  | 150mm (5.39") Extension for 1.00mm Needle & & Nozzle Kit   |
| PT52411722  | 150mm (5.39") Extension for 1.20mm Needle & & Nozzle Kit   |
| PT52411723  | 150mm (5.39") Extension for 1.40mm Needle & & Nozzle Kit   |
| PT52411724  | 300mm (11.80") Extension for 1.00mm Needle & & Nozzle Kit  |
| PT52411725  | 300mm (11.80") Extension for 1.20mm Needle & & Nozzle Kit  |
| PT52411726  | 300mm (11.80") Extension for 1.40mm Needle & & Nozzle Kit  |
| PT52411727  | 500mm (19.70") Extension for 1.20mm Needle & & Nozzle Kit  |
| PT56418445  | Air Valve Kit  |
| PT56411616  | Paint Packing Nut  |
| PT56418441  | Air Gasket Replacement Kit (x6)  |
| PT40000086  | Spray Gun Cleaning Kit - includes a brush for outside cleaning and rods of different sizes for all the inner paths of the spray gun. Supplied in a case. |



Filter holder



Extension Pole



Spray gun cleaning kit



Spray Gun & Accessories Locker

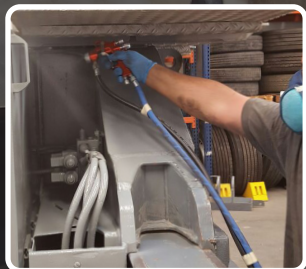
## Spray Gun Stands & Locker

Ideal for storing your guns and accessories when not in use

PT70000010 Spray Gun & Accessories Locker

# SAGOLA Mini Xtreme Pressure Spray Guns

Lightweight and ergonomic,  
ideal for use all day, every day



The perfect spray gun for  
restricted areas.



- **Ideal for continuous use**  
lightweight and ergonomic for  
comfortable use over long periods
- **Low maintenance**  
no gaskets, seals or plastic parts, just  
metal on metal technology
- **Interchangeable aircaps,  
needles & nozzles**  
for high quality spraying, whatever the  
coating.



Its compact size makes this gun the perfect choice to work in difficult to access areas. Ideal for spot repairs lettering or complex surface areas.

## Small & lightweight

Considerably smaller and lighter than the Sagola 4600 Xtreme, its reduced dimensions make it incredibly agile, ideal for spraying parts with complex surfaces.

## Metal on metal contact

No gaskets, rubber or plastic parts on product area. Designed without air diffusers. Easy to maintain and clean.

## Huge fan width & fast application

Supported by a pressure pot or a double diaphragm pump, this small gun is able to reach outstanding levels of product flow in huge fan patterns of more than 40cm (15.7").

## High transfer aluminium aircaps

Wide range of high transfer aluminium aircaps to fit your spraying needs.

## Versatility

Its wide range of interchangeable aircaps and nozzles makes it suitable for any industrial bodyshop work. From finishes to design lines or lettering.



All the virtues of Xtreme technology.



Ideal combination with a pressure pot.



Conventional (CA) & HVLP Aircaps.

**COMPLIANCE:**  
ATEX II 2G T60°C X  
(Directive 94/9/CE)



# Sagola Mini Xtreme Ordering Information

The **Sagola Mini Xtreme** is available to purchase as a complete kit with the aircap, needle and nozzle specified supplied and fitted.

## TECHNICAL SPECIFICATION


| Part Number            | Description                                 |                       |
|------------------------|---|-----------------------|
| Dimensions             | 158.1 x 18 x 164.83mm (6.22 x 0.71 x 6.49") | Weight 383g (0.84lbs) |
| Air Inlet Coupling     | 6.35mm (¼") Male BSP                        |                       |
| Product Inlet Coupling | 9.5mm (¾") Male BSP                         |                       |
| Design Pressure        | 8bar (116psi)                               |                       |
| Working Pressure       | 2 - 3bar (29 - 43.5psi)                     |                       |
| Compliance             | ATEX II 2G T60°C X (Directive 94/9/CE)      |                       |

## APPLICATION GUIDE

| Aircap<br>Needle & Nozzle<br>Combination | Mini Xtreme Aircap Type   |   |  |
|--|---|---|--|
|  | Mini<br>EPA  | Mini<br>VIT  | Mini<br>HVLP  |
| Clearcoats                               | 0.8 - 1.0   | 1.0   | 0.8 - 1.0  |
| Basecoats                                | 1.0 - 1.2   | 1.0 - 1.2   | 1.0 - 1.2  |
| Sanding Surfacers                        |   | 1.2   | 1.2  |
| Wet / Wet Primers                        |   | 1.2   |  |
| Fillers                                  |   | 1.2   |  |

## PART NUMBERS

| Spray Gun Kit   |                         | Mini Xtreme Aircap Type   |   |  |
|---|-------------------------|---|---|--|
|   |                         | Mini<br>EPA  | Mini<br>VIT  | Mini<br>HVLP  |
|  | Mini Xtreme <b>0.80</b> | PG10111904  | PG10111907  | PG10111901   |
|   | <b>1.00</b>             | PG10111905  | PG10111908  | PG10111902   |
|   | <b>1.20</b>             | PG10111906  | PG10111909  | PG10111903   |
| Aircap Only   |                         | PT56418525  | PT56418560  | PT56418526   |

| Needle & Nozzle Kits  | Reference   | Part Number | Description                  |
|---|-------------|-------------|------------------------------|
|  | <b>0.80</b> | PT10011200  | 0.80mm Needle and Nozzle Kit |
|   | <b>1.00</b> | PT10011201  | 1.00mm Needle and Nozzle Kit |
|   | <b>1.20</b> | PT10011202  | 1.20mm Needle and Nozzle Kit |

# Sagola Mini Xtreme Kit Contents

Each Sagola Mini Xtreme is supplied complete with:

- ① Aircap, needle & nozzle kit (fitted - depending on part number ordered)
- ② Accessory Wrench for removing / fitting the nozzle
- ③ Cleaning Brush
- ④ Key Assembly for changing the Air Valve Kit



## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT56418020  | RC1 Premium Air Flow Regulator with Analogue Pressure Gauge  |
| PT52411713  | 150mm (5.9") 0.80; Mini Xtreme Series Extension  |
| PT52411714  | 150mm (5.9") 1.00; Mini Xtreme Series Extension  |
| PT52411715  | 150mm (5.9") 1.20; Mini Xtreme Series Extension  |
| PT52411717  | 300mm (11.8") 0.80; Mini Xtreme Series Extension   |
| PT52411718  | 300mm (11.8") 1.00; Mini Xtreme Series Extension   |
| PT52411719  | 300mm (11.8") 1.20; Mini Xtreme Series Sxtension   |
| PT56418445  | Air Valve Kit  |
| PT56411616  | Paint Packing Nut  |
| PT56418441  | Air Gasket Replacement Kit (x6)  |
| PT40000086  | Spray Gun Cleaning Kit - includes a brush for outside cleaning and rods of different sizes for all the inner paths of the spray gun. Supplied in a case. |



Extension Pole



Spray gun cleaning kit



Spray Gun & Accessories Locker

## Spray Gun Stands & Locker

Ideal for storing your guns and accessories when not in use

PT70000010 Spray Gun & Accessories Locker



# SAGOLA 3300 GTO Pressure Spray Guns

With improved ergonomics and suitable for a wide range of applications, the Sagola 3300 GTO complies with the strictest safety and solvent emissions standards.



Application of primers and basecoats.

## No joints

Designed with built-in air distributor. No joints between air and paint. Just metal in contact with metal. Easy to maintain and easy to clean.



- **Aircaps**  
Range of aircaps to suit many applications
- **Needle & Nozzle**  
Made of stainless steel
- **Application**  
High performance and atomization

## Minimum parts

Single axis system. One single piece automatic paint packing gland.

### PATENTS:

Community Design  
924667-0004  
PAT. 200801598

### COMPLIANCE:

ATEX II 2G x  
(Directive 2014/34/EU)



## TECHNICAL SPECIFICATION


| Part Number            | Description  |        |                |
|------------------------|--|--------|----------------|
| Dimensions With Cup    | 178.18 x 19 x 175.5mm (7.01 x 0.75 x 6.91")  | Weight | 474g (1.04lbs) |
| Air Inlet Coupling     | 6.35mm (¼") Male BSP   |        |                |
| Product Inlet Coupling | 9.5mm (¾") Male BSP  |        |                |
| Design Pressure        | 8bar (116psi)  |        |                |
| Working Pressure       | 2 - 3bar (29 - 43.5psi)  |        |                |
| Compliance             | ATEX II 2G x (Directive 2014/34/EU)  |        |                |
| Packing List           | Sagola 3300 GTO Pressure Spray Gun with aircap, needle & nozzle kit (supplied fitted), Hexagonal Wrench & Cleaning Brush |        |                |

## APPLICATION GUIDE

| Aircap / Needle & Nozzle Combination | 3300 GTO Conventional (CA) Aircap   |  |
|--------------------------------------|---|--|
|                                      | GTO EPA  | GTO HVLP  |
| Clearcoats                           | 1.0 - 1.2   | -  |
| Basecoats                            | 1.0   | 1.0 - 1.2  |
| Sanding Surfacer                     | 1.4   | 1.4  |
| Wet / Wet Primers                    | 1.4   | 1.4  |
| Fillers                              | 1.4   | 1.4  |

## PART NUMBERS

| Spray Gun Kit  | Needle & Nozzle Size | 3300 GTO Aircap Type  |  |
|--|----------------------|---|--|
|  |                      | GTO EPA  | GTO HVLP  |
|  3300 GTO | 1.00                 | PG10152214  | PG10152210   |
|  | 1.20                 | PG10152215  | PG10152211   |
|  | 1.40                 | PG10152216  | PG10152212   |
| Aircap Only  |                      | PT56418645  | PT56418477   |

| Needle & Nozzle Kits  | Reference | Part Number | Description                  |
|---|-----------|-------------|------------------------------|
|  | 1.00      | PT10011187  | 1.00mm Needle and Nozzle Kit |
|   | 1.20      | PT10011180  | 1.20mm Needle and Nozzle Kit |
|   | 1.40      | PT10011181  | 1.40mm Needle and Nozzle Kit |



# Pressure Pots & Tanks

Sagola's range of pressure pots and tanks is the ideal choice for larger projects where a good balance between application speed, finish quality and easy cleaning is required.

Manufactured in either stainless steel or aluminium with high precision regulators, manual or pneumatic mixer choices and upper product outlets; our pots & tanks are extremely easy to clean and maintain.

Available in 2.5 litre (84.5fl oz), 10 litre (2.64 US Gal), 25 litre (6.6 US Gal) and 50 litre (13.2 US Gallon) versions, increase your productivity by saving time refilling a gravity or suction spray gun.

## Suitable for any kind of paint

Built in aluminium or stainless steel Sagola's pressure pots are suitable for solvent or water-based paints, abrasive products, high viscosity primers or fluid tints.

## Upper outlet

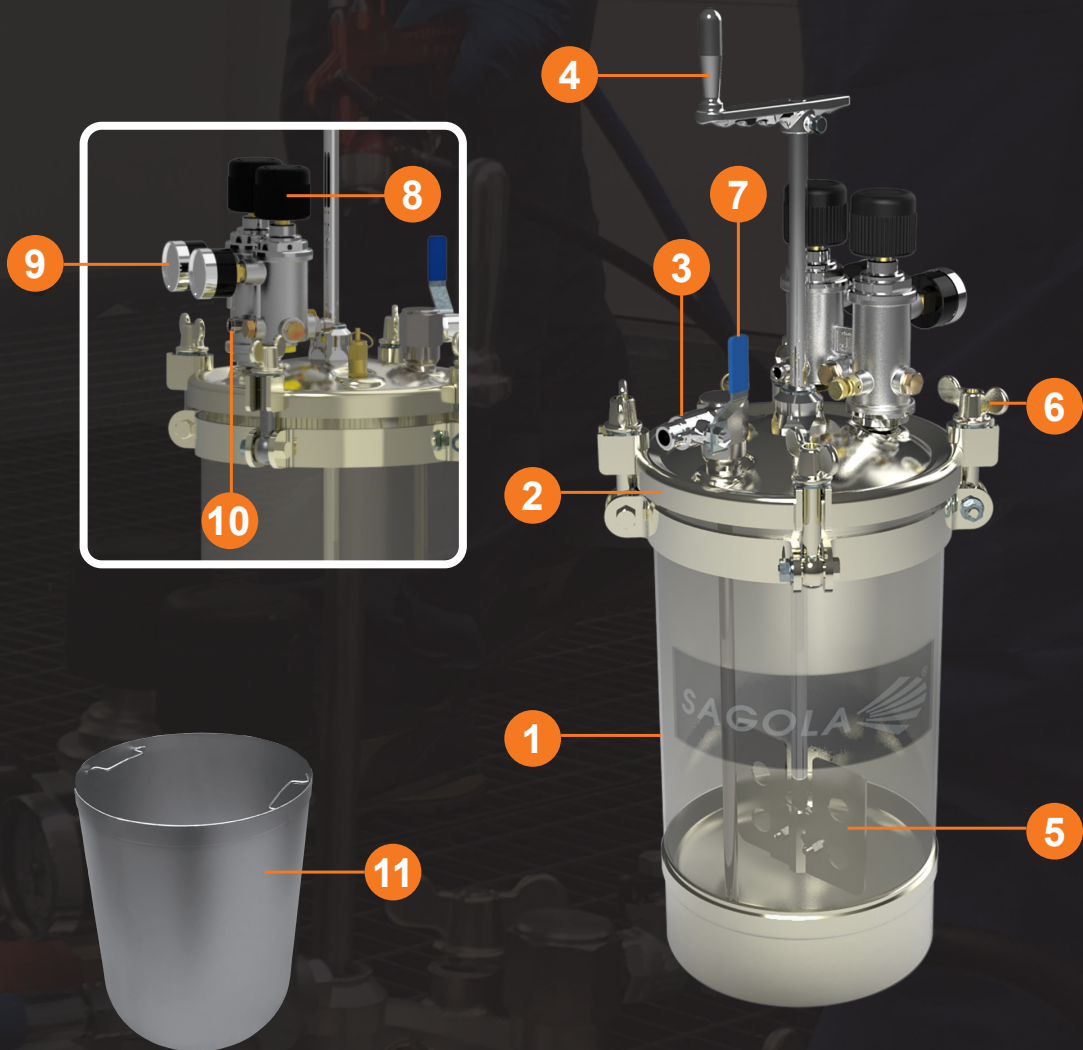
Sagola's upper product outlet pressure pots minimize the cleaning tasks. Either pour the product directly into the pressure pot or use one of our interchangeable tank liners to minimise cleaning - simply remove the liner after spraying.

## No maintenance required

The right cleaning process is all you need to maintain a Sagola pressure pot. There are no wearing parts so you can simply focus on getting a good finish.



# Pressure Pots Explained



- 1 Tank body
- 2 Lid
- 3 Fluid outlet ball valve
- 4 Manual mixer handle
- 5 Mixer blade
- 6 Lid clamp(s)
- 7 Pressure relief valve
- 8 Gun pressure regulator
- 9 Pressure pot regulator
- 10 Air inlet
- 11 Interchangeable tank liner



# Sagola 612 Aluminium Pressure Pot

2.5 Litre (84.5fl oz) tank capacity

- Suitable for solvent and water-based paints.
- Aluminium body and lid.
- Upper outlet connection.
- Single high precision robust regulator.

- **Full equipment kit available:**

Sagola 612 Pressure Pot complete with Sagola X 4100 Pressure Spray Gun with XT01B aircap, 1.20mm needle & nozzle kit and 1.8m (5.9ft) combined air and product hose.

**COMPLIANCE:**  
ATEX  2 II GX



Sagola 612 Pressure Pot Kit

## TECHNICAL SPECIFICATION

|                           |   |
|---------------------------|---|
| Tank Capacity             | 2.5l (84.5fl oz)  |
| Working Pressure (Max)    | 3.44bar (50psi)   |
| Air Inlet Coupling        | 6.35mm (¼") Male BSP  |
| Product Outlet Connection | 9.52mm (⅜") Male BSP  |
| Air Pressure Gauge        | 0 - 6bar (0 - 80psi)  |
| Operating Temperature     | 0-50°C (32-122°F)   |
| Dimensions (with handle)  | 165 x 165 x 385mm (6.50 x 6.50 x 15.16")  |
| Weight                    | 1.824kg (4.02lbs)   |
| Complete Kit Packing List | Sagola 612 Pressure Pot 2.5L (84.5fl oz) supplied with Sagola X 4100 Pressure Spray Gun with XT01B aircap and 1.20mm needle & nozzle kit (supplied fitted) and 1.8m (5.9ft) length of combined anti-static air hose 8 x 15mm (0.31 x 0.59") with female to female ¼" connections and nylon product hose 6 x 8mm (0.24 x 0.31") with female ⅜" adaptor for pressure spray guns |

| Part Number | Description   |
|-------------|---|
| PT10540801  | Sagola 612 Pressure Pot Only                          |
| PT10540899  | Sagola 612 Pressure Pot Complete Kit                  |
| PT56414128  | 1.8m (5.9ft) Anti-Static Air & Nylon Product Hose Kit |

# Sagola 610 Steel Pressure Pot

10 Litre (2.64 US Gal) tank capacity

- Suitable for solvent based paints.
- Steel body and aluminium lid.
- Upper outlet connection.
- Double, high precision, robust regulator with discharge valve.

- **Full equipment kit available:**

Sagola 610 Pressure Pot complete with Sagola 3300 GTO Pressure Spray Gun with EPA aircap, 1.40mm needle & nozzle kit and 5m (16.4ft) combined air and product hose.

**COMPLIANCE:**  
ATEX  2 II GX



Sagola 610 Pressure Tank Kit

## TECHNICAL SPECIFICATION

| Tank Capacity             | 10l (2.64 US Gal)  |
|---------------------------|--|
| Working Pressure (Max)    | 4bar (60psi)   |
| Air Inlet Coupling        | 6.35mm (¼") Male BSP   |
| Product Outlet Connection | 9.52mm (¾") Male BSP   |
| Air Pressure Gauge        | 0 - 6bar (0 - 80psi)   |
| Product Pressure Gauge    | 0 - 6bar (0 - 80psi)   |
| Operating Temperature     | 0-50°C (32-122°F)  |
| Dimensions (with handle)  | 250 x 250 x 385mm (9.84 x 9.84 x 15.16")   |
| Weight                    | 12.6kg (27.78lbs)  |
| Complete Kit Packing List | Sagola 610 Pressure Pot 10L (2.64 US Gal) supplied with Sagola 3300 GTO Pressure Spray Gun with EPA aircap and 1.40mm needle & nozzle kit (supplied fitted); 5m (16.4ft) length of combined anti-static air hose 8 x 15mm (0.31 x 0.59") with female to female ¼" connections and nylon product hose 6 x 8mm (0.24 x 0.31") with female ¾" adaptor for pressure spray guns |
| Part Number               | Description  |
| PT40000273                | Sagola 610 Pressure Pot Only   |
| PT10540899                | Sagola 610 Pressure Pot Complete Kit   |
| PT56414039                | 5m (16.4ft) Anti-Static Air & Nylon Product Hose Kit   |



# Sagola 6110 Inox Stainless Steel Pressure Tank

10 Litre (2.64 US Gal) tank capacity

- Suitable for solvent and water-based paints.
- Body and lid in stainless Steel.
- Upper outlet connection.
- Double, high precision, robust regulator with discharge valve, ideal for two spray guns.
- Stainless steel 10L interchangeable tank.
- Manual mixer.
- **Full equipment kit available:**  
Sagola 6110 INOX Pressure Pot complete with Sagola X 4100 Pressure Spray Gun with XT01B aircap, 1.20mm needle & nozzle kit and 5m (16.4ft) combined air and product hose.



## COMPLIANCE:

SPAIN: AP 1070 FBZ 2330

FRANCE: CODAP

UK: BS 1101-1977

GERMANY: A.D. Merkblätter

ATEX  2 II GX

## TECHNICAL SPECIFICATION

| Tank Capacity             | 10l (2.64 US Gal)   |
|---------------------------|---|
| Working Pressure (Max)    | 4bar (58psi)  |
| Air Inlet Coupling        | 6.35mm (¼") Male BSP  |
| Product Outlet Connection | 9.52mm (⅜") Male BSP  |
| Air Pressure Gauge        | 0 - 8bar (0 - 116psi)   |
| Product Pressure Gauge    | 0 - 4bar (0 - 58psi)  |
| Operating Temperature     | 0-50°C (32-122°F)   |
| Dimensions (with Mixer)   | 208 x 208 x 689mm (8.19 x 8.19 x 27.13")  |
| Weight                    | 11.2kg (24.69 lbs)  |
| Complete Kit Packing List | Sagola 6110 INOX Pressure Pot with 10L (2.64 US Gal) Stainless Steel Interchangeable Tank supplied complete with Sagola X 4100 Pressure Spray Gun with XT01B aircap and 1.20mm needle & nozzle kit (supplied fitted) and 5m (16.4ft) length of combined anti-static air hose 8 x 15mm (0.31 x 0.59") with female to female ¼" connections and nylon product hose 6x8mm (0.24 x 0.31") with female ⅜" adaptor for pressure spray guns. |
| Part Number               | Description   |
| PT10540702                | Sagola 6110 Inox Stainless Steel Pressure Pot Only  |
| PT10540799                | Sagola 6110 Inox Complete Kit   |
| PT52411607                | 10l (2.64 US Gal) Interchangeable Tank  |
| PT56414039                | 5m (16.4ft) Anti-Static Air & Nylon Product Hose Kit  |

Other lengths of air and product hose are available - see page 5-2 for details.

# Sagola 652 Inox Stainless Steel Pressure Tank

25 Litre (6.6 US Gal) tank capacity

- Suitable for solvent and water-based paints.
- Body and lid in stainless steel.
- Upper outlet connection.
- Double, high precision, robust pressure regulator with discharge valve, ideal for two spray guns.
- Three agitator options:

## Manual

**Pneumatic Rotary** - For products which need to be continuously stirred to keep the mixture homogeneous

**Pneumatic Oscillating** - Makes alternate oscillating movements through 180° for products that contain solid particles and need constant mixing

- Wheeled version available.



## COMPLIANCE:

ATEX  2 II GX

Certificate No. AP 1035

## TECHNICAL SPECIFICATION

|                            |  |
|----------------------------|--|
| Tank Capacity              | 25l (6.6 US Gal)   |
| Maximum Inlet Pressure     | 4bar (58psi)   |
| Air Inlet Coupling         | 6.35mm (1/4") Male BSP   |
| Product Outlet Connection  | 9.52mm (3/8") Male BSP   |
| Air Pressure Gauge         | 0 - 8bar (0 - 116psi)  |
| Product Pressure Gauge     | 0 - 4bar (0 - 58psi)   |
| Operating Temperature      | 0-50°C (32-122°F)  |
| Dimensions (with agitator) | 365 x 365 x 437mm (14.37 x 14.37 x 17.20")   |
| Weight                     | 38kg (88.78lbs)  |
| Packing List               | Sagola 652 INOX Pressure Tank with 25L (6.6 US Gal) Stainless Steel Interchangeable Tank supplied with choice of manual, pneumatic rotary or oscillating agitator. |

| Manual Agitator (no wheels) | Pneumatic Rotary Agitator (with wheels) | Pneumatic Oscillating Agitator (with wheels) | Description                                    |
|-----------------------------|---|--|--|
| PT10540320                  | PT10540321                              | PT10540322                                   | Sagola 652 Inox 25L (6.6 US Gal) Pressure Tank |
| Part Number                 | Description                             |  |  |
| PT52411608                  | 25l (6.6 US Gal) Interchangeable Tank   |  |  |

Other lengths of air and product hose are available - see page 5-2 for details.

For Sagola's range of pressure spray guns for pressure pots and tanks - see page 1-58 for details.

# Sagola 653 Inox Stainless Steel Pressure Tank

50 Litre (13.2 US Gallon) tank capacity

- Body and lid in stainless steel.
- Upper outlet connection.
- Double, high precision, robust pressure regulator with discharge valve ideal for two spray guns.
- Stainless steel 50L interchangeable tank.
- Three agitator options:
  - **Manual**
  - **Pneumatic Rotary** - For products which need to be continuously stirred to keep the mixture homogeneous
  - **Pneumatic Oscillating** - Makes alternate oscillating movements through 180° for products that contain solid particles and need constant mixing
- Wheeled version available.
- Suitable for solvent and water-based paints.



## COMPLIANCE:

ATEX CE  II 2G T60°C X

Certificate No. AP 1035

## TECHNICAL SPECIFICATION

|                            |   |
|----------------------------|---|
| Tank Capacity              | 50l (13.2 US Gal)   |
| Maximum Inlet Pressure     | 4bar (58psi)  |
| Air Inlet Coupling         | 6.35mm (¼") Male BSP  |
| Product Outlet Connection  | 9.52mm (⅜") Male BSP  |
| Air Pressure Gauge         | 0 - 8bar (0 - 116psi)   |
| Product Pressure Gauge     | 0 - 4bar (0 - 58psi)  |
| Operating Temperature      | 0-50°C (32-122°F)   |
| Dimensions (with agitator) | 365 x 365 x 1028mm (14.37 x 14.37 x 40.47")   |
| Weight                     | 45kg (99.21 lbs)  |
| Packing List               | Sagola 653 INOX Pressure Tank with 50L (13.2 US Gal) Stainless Steel Interchangeable Tank supplied with choice of manual, pneumatic rotary or oscillating agitator. |

| Manual Agitator (no wheels) | Pneumatic Rotary Agitator (with wheels) | Pneumatic Oscillating Agitator (with wheels) | Description                       |
|-----------------------------|---|--|-----------------------------------|
| PT10540420                  | PT10540421                              | PT10540422                                   | Sagola 653 Inox 50l Pressure Tank |
| Part Number                 | Description                             |  |                                   |
| PT52411609                  | 50l (13.2 US Gal) Interchangeable Tank  |  |                                   |

Other lengths of air and product hose are available - see page 5-2 for details.

For Sagola's range of pressure spray guns for pressure pots and tanks - see page 1-58 for details.



# Sagola Pressure Pots & Tanks Accessories

## Pneumatic Agitators

Agitators are compatible with models 652 / 653 only.

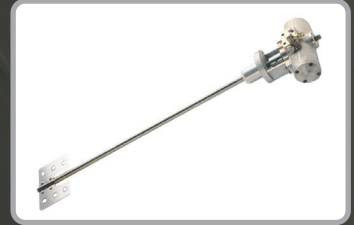
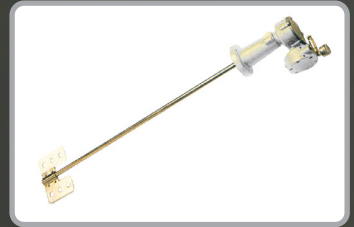
**Sagola 446 & Sagola 464:** For products which need to be continuously stirred to keep the mixture homogeneous:

- Air consumption: 350l/min (12.4cfm)
- Speed regulator: up to 300rpm

**Sagola 463 & Sagola 471:** Makes alternate oscillating movements through 180° ideal for products that contain solid particles and need constant mixing

- Air consumption: 28l/min (1cfm)
- Speed regulator: 10-20rpm

| Part Number | Description                            |
|-------------|--|
| PT10510101  | Sagola 446 Pneumatic Rotary Motor      |
| PT10520101: | Sagola 464 Rotary Agitator             |
| PT10510201  | Sagola 463 Pneumatic Alternative Motor |
| T10520201   | Sagola 471 Oscillating Agitator        |



## Air & Product Hose

Polyester covered, lightweight and durable combined air and product hose, comprises of 8 x 15mm (0.31 x 0.59") rubber EPDM anti-static air hose with female to female 1/4" connections and 6 x 8mm (0.24 x 0.31") nylon product hose with female 3/8" adapter for pressure spray guns.

Air Hose Working Pressure (Max): 20bar (290psi)

Product Hose Working Pressure (Max): 18bar (261psi)



| Part Number | Description  |
|-------------|--|
| PT56418708  | 1.5m (4.9ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414128  | 1.8m (5.9ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414039  | 5m (16.4ft) Covered Anti-Static Air & Nylon Product Hose   |
| PT56414044  | 7.5m (24.6ft) Covered Anti-Static Air & Nylon Product Hose |
| PT56414040  | 10m (32.8ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414041  | 15m (49.2ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414042  | 20m (65.6ft) Covered Anti-Static Air & Nylon Product Hose  |

## Interchangeable Aluminium Tank

Design for use with Sagola 6110 Inox, 652 Inox and 653 Inox pressure pots and tanks.

| Part Number | Description                            |
|-------------|--|
| PT52411607  | 10l (2.64 US Gal) Interchangeable Tank |
| PT52411608  | 25l (6.60 US Gal) Interchangeable Tank |
| PT52411609  | 50l (13.2 US Gal) Interchangeable Tank |





# Pneumatic Double Diaphragm Pumps

Designed for use with Sagola's range of pressure spray guns Elcometer's **double diaphragm pumps** are the ideal choice for those bodyshops with high volume facilities and for continuous working sessions where the production cannot be stopped to refill a can or a pot.

## Any kind of product

Suitable for solvent or waterborne products, basecoats, clearcoats, primers & fillers, etc.

Any product with any viscosity or density. Special kits such as for abrasive products are also available.

## Different set up options

Choose the most suitable version for your purposes:

**Chassis:** Frame, trolley or wall mounted versions.

**Product Supply:** Suction hose or 5 litre (1.32 US Gal) product tank.

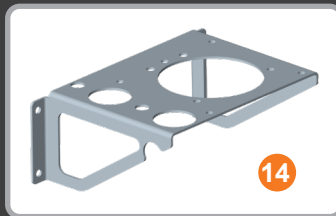
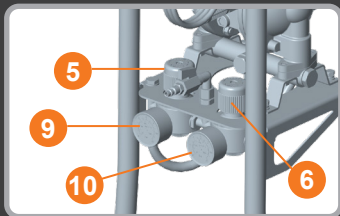
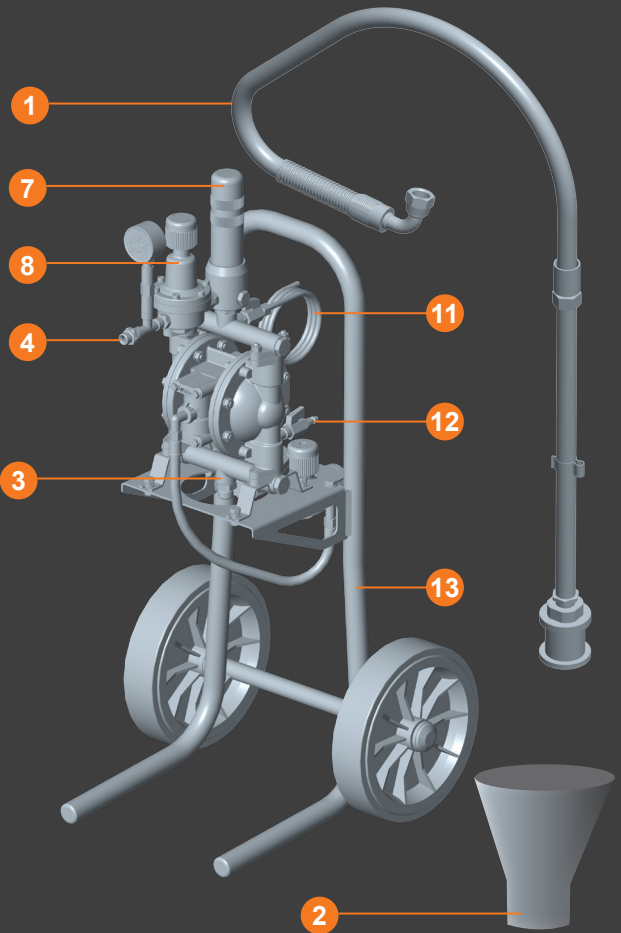


Suction hose or 5 litre can versions



## Components

- 1 Suction Hose
- 2 5 litre (35.2fl oz) Product tank
- 3 Product inlet
- 4 Product outlet
- 5 Air pressure regulator (equipment)
- 6 Air pressure regulator (spray gun)
- 7 Antipulsation filter
- 8 Product pressure regulator
- 9 Pressure gauge (equipment)
- 10 Pressure gauge (spray gun)
- 11 Earth lead
- 12 Air inlet to the equipment
- 13 Transport carriage
- 14 Wall mount



## Air & Product Hose

Lightweight double hose nylon cover: Rubber EPDM 8x15mm air hose and Nylon 6x8mm paint hose.

| Part Number | Description  |
|-------------|--|
| PT56418708  | 1.5m (4.9ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414128  | 1.8m (5.9ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414039  | 5m (16.4ft) Covered Anti-Static Air & Nylon Product Hose   |
| PT56414044  | 7.5m (24.6ft) Covered Anti-Static Air & Nylon Product Hose |
| PT56414040  | 10m (32.8ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414041  | 15m (49.2ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414042  | 20m (65.6ft) Covered Anti-Static Air & Nylon Product Hose  |



# Elcometer D1-40

## Double Diaphragm Pneumatic Pump

- 40 litre double diaphragm pump.
- Spraying equipment for high production industries.
- Can be used with several guns.
- Double outlet version to work with two guns.
- Special version for abrasive products.
- 1:1 Ratio

### COMPLIANCE:

ATEX  2 II GX, UNE-EN-13463-1:2011,  
UNE-EN ISO 12100:2012, EN 809, EN12621,  
EN12162, EN 1127-1

### TECHNICAL SPECIFICATION



|   |  |
|---|--|
| Pressure Ratio  | 1:1  |
| Max. Air Consumption (60 cycles/min.)   | 580l/min (20 cfm)  |
| Maximum Air Inlet Pressure  | 7bar (102psi)  |
| Min. Inlet Hose Diameter Ø  | 6mm (¼")   |
| Lubricant   | SAE 10   |
| Max. Product Output Pressure  | 7bar (102psi)  |
| Flow Rate @ 60 cycles/min (Free Flow)   | 40l/min (1.41cfm)  |
| Air Inlet   | Female ¼" GAS BSP  |
| Product Outlet  | Male ⅜" BSP  |
| Weight ( <i>including Frame or Trolley Mounted with Product Regulator</i> )     | With Suction Pole: 18.5kg (40.79lbs)<br>With Product Tank: 18kg (39.68lb)  |
| Dimensions ( <i>including Frame or Trolley Mounted with Product Regulator</i> ) | With Suction Pole: 465 x 501 x 953mm (18.31 x 19.72 x 37.52")<br>With Product Tank: 639 x 511 x 953mm (25.16 x 20.12 x 37.52") |
| Packing List  | Elcometer D1-40 Low Pressure Air Spray Double Diaphragm Transfer Pump  |

| Part Number   | Description   |
|---------------|---|
| PSD140AS-CSR  | Elcometer D1-40 (Trolley and Suction Probe)   |
| PSD140AS-CTR  | Elcometer D1-40 (Trolley and 5L (35.2fl oz) Gravity Pot)  |
| PTD140-A      | Elcometer D1-40 (Trolley and Suction Probe) For Abrasive Products   |
| PSD140AS-CDR  | Elcometer D1-40 (Trolley and Suction Probe) With Double Outlet Product  |
| PSD140AS-WSR  | Elcometer DD1-40 (Wall Support and Suction Probe)   |
| PSD140AS-WTR  | Elcometer D1-40 (Wall Support and Gravity Deposit)  |
| PSD140AS-CSRK | Elcometer D1-40 Full Equipment (Includes 4100 X Series Pressure Spray Gun, 1.20 XT01 Aircap, Needle & Nozzle and 5m Air & Product Hose Set) |

# Elcometer D1-30

## Double Diaphragm Pneumatic Pump

- 30 litre double diaphragm pump.
- Pump for medium production industries.
- Special for finishes and primers.
- High precision product regulator.
- Anti-pulsation system and double paint filter.
- 1:1 Ratio

### COMPLIANCE:

ATEX  2 II GX, UNE-EN-13463-1:2011,  
UNE-EN ISO 12100:2012, EN 809, EN12621,  
EN12162, EN 1127-1

### TECHNICAL SPECIFICATION



|  |  |
|--|--|
| Pressure Ratio   | 1:1  |
| Max. Air Consumption (60 cycles/min.)                                  | 380l/min (13cfm)   |
| Maximum Air Inlet Pressure   | 6bar (87psi)   |
| Min. Inlet Hose Diameter Ø   | 6mm (1/4")   |
| Lubricant  | SAE 10   |
| Max. Product Output Pressure   | 6bar (87psi)   |
| Flow Rate @ 60 cycles/min (Free Flow)                                  | 30l/min (1.06cfm)  |
| Air Inlet  | F 1/4" GAS BSP   |
| Product Outlet   | Male 3/8" BSP  |
| Weight (including Frame or Trolley Mounted with Product Regulator)     | With Suction Pole: 8.25kg (18.19lbs)<br>With Product Tank: 7.75kg (17.09lbs)   |
| Dimensions (including Frame or Trolley Mounted with Product Regulator) | With Suction Pole: 267 x 322 x 556mm (10.51 x 12.68 x 21.89")<br>With Product Tank: 374 x 513 x 556mm (14.72 x 20.20 x 21.89") |
| Packing List   | Elcometer D1-30 Low Pressure Air Spray Double Diaphragm Transfer Pump  |

| Part Number   | Description   |
|---------------|---|
| PSD130AS-FSR  | Elcometer D1-30 (Trolley, Suction Probe and Regulator)  |
| PT30920502    | Elcometer D1-30 (Trolley, Suction Probe)  |
| PSD130AS-FTR  | Elcometer D1-30 (Trolley, Gravity Deposit and Regulator)  |
| PSD130AS-FT-  | Elcometer D1-30 (Trolley, Gravity Deposit)  |
| PSD130AS-WSR  | Elcometer D1-30 (Wall Support, Suction Probe and Regulator)   |
| PSD130AS-WS-  | Elcometer D1-30 (Wall Support, Suction Probe)   |
| PSD130AS-WTR  | Elcometer D1-30 (Wall Support, Gravity Deposit and Regulator)   |
| PSD130AS-WT-  | Elcometer D1-30 (Wall Support, Gravity Deposit)   |
| PSD130AS-FS-K | Elcometer D1-30 Full Equipment (Includes 4100 X Series Pressure Spray Gun, 1.20 XT01 Aircap, Needle & Nozzle and 5m Air & Product Hose Set) |



# Elcometer D1 Pumps Accessories

## Low Pressure Product Regulator

Designed for use with Sagola double diaphragm pumps, the low pressure product regulator ensures.

| Part Number | Description                    |
|-------------|--------------------------------|
| PT52410019  | Low Pressure Product Regulator |



## Product Tank

5 litre (1.32 US Gallon) gravity product cup for use with Sagola double diaphragm pumps.

| Part Number | Description                   |
|-------------|-------------------------------|
| PT30090091  | 5L (1.32 US Gal) Product Tank |



## Mesh Antipulse Filters

Available in 60 and 100 mesh antipulse filters.

| Part Number | Description               |
|-------------|---------------------------|
| PT83660029  | 100 Mesh Antipulse Filter |
| PT83660030  | 60 Mesh Antipulse Filter  |



## Analogue Pressure Gauge

| Part Number | Description                                    |
|-------------|--|
| PT54550016  | Analogue Pressure Gauge 0 - 12bar / 0 - 160psi |



# Elcometer D1 Pumps Accessories

## Diaphragm Pump Kit

| Part Number | Description        |
|-------------|--------------------|
| PT49000478  | Diaphragm Pump Kit |



## Suction Filter

| Part Number | Description         |
|-------------|---------------------|
| PT83660047  | Suction Filter 1/2" |



## Air & Product Hose

Lightweight double hose nylon cover: Rubber EPDM  
8 x 15mm air hose and Nylon 6 x 8mm paint hose.

| Part Number | Description  |
|-------------|--|
| PT56418708  | 1.5m (4.9ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414128  | 1.8m (5.9ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414039  | 5m (16.4ft) Covered Anti-Static Air & Nylon Product Hose   |
| PT56414044  | 7.5m (24.6ft) Covered Anti-Static Air & Nylon Product Hose |
| PT56414040  | 10m (32.8ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414041  | 15m (49.2ft) Covered Anti-Static Air & Nylon Product Hose  |
| PT56414042  | 20m (65.6ft) Covered Anti-Static Air & Nylon Product Hose  |



## Wall Support

| Part Number | Description  |
|-------------|--------------|
| PT56418583  | Wall Support |





2



A close-up photograph of a hand holding a professional airbrush. The airbrush is silver and chrome with a red handle. The brand name 'SAGOLA' is visible on the side. The hand is painting a highly detailed black sculpture of a creature's head, possibly a dragon or a similar mythical beast. The background is dark and out of focus.

# Airbrushes

When beauty is in the detail, the Sagola range of professional XTech airbrushes and compressors ensure precision design, smooth feathering, part retouching and marking with incredible accuracy.



## SAGOLA XTech Airbrushes

From custom automotive paint jobs to graphic design and fine line illustration, when it's the tiny details that count, the Sagola range of XTech airbrushes, kits & accessories meet the needs of:

- **Airbrush design**
  - **Feathering**
  - **Part retouching**
  - **Part marking**
- 
- **High quality**  
Sagola Xtech airbrushes offer high quality products for a professional finish
  - **5 models**  
5 different models to suit a range of applications

# Sagola XTech 100 Airbrush

## Double action professional airbrush

- 0.2mm needle and nozzle set up, that offers a superfine spray for the highest precision.
- 0.9ml (0.03fl oz) capacity to use with small quantities of paint. Ideal for quick colour changes.
- Needle closing and packing made of Teflon.
- Highly precise, smooth air and product valve.



Sagola XTech 100 Airbrush

### TECHNICAL SPECIFICATION

| Part Number          | Description   |
|----------------------|---|
| <b>PT17410501</b>    | Sagola XTech 100 Airbrush, 0.2mm Nozzle   |
| Nozzle               | 0.2mm (0.0079")   |
| Capacity             | 0.9ml (0.03fl oz)   |
| Working Pressure     | 1 - 2bar (15 - 30psi)   |
| Air Inlet Connection | 3.17mm (1/8") Male BSP  |
| Packing List         | XTech 100 Airbrush complete with Aircap and 0.2mm (0.0079") Needle & Nozzle Kit (supplied fitted) |

# Sagola XTech 200 Airbrush

## Double action professional airbrush

- 0.2mm or 0.3mm needle and nozzle set up, that offers a fine spray, for high precision.
- 1.5ml (0.05fl oz) capacity to use with medium amounts of paint. Easy to clean. Ideal for quick colour changes.
- Needle closing and packing made of Teflon.
- Highly precise, smooth air and product valve.



Sagola XTech 200 Airbrush

### TECHNICAL SPECIFICATION

| Part Number          | Description   |
|----------------------|---|
| <b>PT17410601</b>    | Sagola XTech 200 Airbrush, 0.2mm Nozzle   |
| <b>PT17410602</b>    | Sagola XTech 200 Airbrush, 0.3mm Nozzle   |
| Nozzle               | 0.20 - 0.30mm (0.0079 - 0.012")   |
| Cup Capacity         | 1.5ml (0.05fl oz)   |
| Working Pressure     | 1 - 2bar (15 - 30psi)   |
| Air Inlet Connection | 3.17mm (1/8") Male BSP  |
| Packing List         | XTech 200 Airbrush with 1.5ml (0.05fl oz) Cup complete with Aircap and 0.2mm or 0.3mm (0.0079 - 0.012") Needle & Nozzle Kit (supplied fitted) |

For compressors see page 2-8

For accessories see page 2-7

# Sagola XTech 300 Airbrush

Double action professional airbrush

- 0.3mm needle and nozzle set up, that offers a fine spray and good precision.
- 5ml (0.17fl oz) capacity to use any paint quantity, but maintaining the advantage of an easy cleaning and colour change.
- Needle closing and packing made of Teflon.
- Highly precise, smooth air and product valve.



Sagola XTech 300 Airbrush

## TECHNICAL SPECIFICATION

| Part Number          | Description  |
|----------------------|--|
| <b>PT17410701</b>    | Sagola XTech 300 Airbrush, 0.3mm Nozzle  |
| Nozzle               | 0.30mm (0.012")  |
| Cup Capacity         | 5ml (0.17fl oz)  |
| Working Pressure     | 1 - 2bar (15 - 30psi)  |
| Air Inlet Connection | 3.17mm (1/8") Male BSP   |
| Packing List         | XTech 300 Airbrush with 5ml (0.17fl oz) Cup complete with Aircap and 0.3mm Needle & Nozzle Kit (supplied fitted) |

## ACCESSORIES

| Part Number       | Description                                 |
|-------------------|---|
| <b>PT40000241</b> | Airbrush Clean 3N1. Cleaning Recipient      |
| <b>PT70000008</b> | XTech Airbrushes Exhibitor                  |
| <b>PT40000344</b> | Multi-Airbrush Rack (4 airbrushes capacity) |
| <b>PT40000242</b> | Multi-Airbrush Rack                         |





# Sagola XTech 400 Airbrush

Double action professional airbrush

- 0.3mm needle and nozzle set up, that offers a fine spray and a good precision. Ideal for murals with thicker colours.
- 9ml (0.3fl oz) capacity to use any paint quantity, but maintaining the advantage of an easy cleaning and color change.
- Needle closing and packing made of Teflon.
- Highly precise, smooth air and product valve.



Sagola XTech 400 Airbrush

## TECHNICAL SPECIFICATION

| Part Number          | Description   |
|----------------------|---|
| PT17410801           | Sagola XTech 400 Airbrush, 0.3mm Nozzle   |
| Nozzle               | 0.30mm (0.012")   |
| Cup Capacity         | 9ml (0.3fl oz)  |
| Working Pressure     | 1 - 2bar (15 - 30psi)   |
| Air Inlet Connection | 3.17mm (1/8") Male BSP  |
| Packing List         | XTech 400 Airbrush with 9ml (0.3fl oz) Cup complete with Aircap and 0.3mm Needle & Nozzle Kit (supplied fitted) |

## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT52710051  | XTech Airbrush Aircap Head Protector               |
| PT52810001  | 7ml (0.25fl oz) Lateral Metallic Cup for XTech 500 |
| PT11011603  | Plug & Air Regulator Kit; M - F BSPP 1/8"          |
| PT11011601  | Plug & Connector Kit; M - F BSPP 1/8"              |
| PT11011602  | Plug & Connector Kit; F 1/8" at Ø4 BSPP (Barb.)    |
| PT56414203  | 3m Textile Air Hose; Connector 1/8" F - 1/8" M     |
| PT56414209  | 3m Textile Air Hose; Connector 1/4" F - 1/8" M     |

For compressors see page 2-8



# Sagola XTech 500 Airbrush

## Double action professional airbrush

- 0.3 and 0.5 mm needle and nozzles, that offer a fine spraying from a high precision to a large spray pattern.
- 22ml (0.74fl oz) suction cup capacity with fast change system. Ideal for changing color in an instant.
- Ideal for larger projects such as clothing or model making.
- Needle closing and packing made of Teflon.
- Highly precise, smooth air and product valve.



XTech 500 Airbrush

### TECHNICAL SPECIFICATION

| Part Number          | Description  |
|----------------------|--|
| PT17410901           | Sagola XTech 500 Airbrush, 0.3mm Nozzle  |
| PT17410902           | Sagola XTech 500 Airbrush, 0.5mm Nozzle  |
| Nozzle               | 0.30 - 0.50mm (0.012 - 0.02")  |
| Cup Capacity         | 22ml (0.74fl oz)   |
| Working Pressure     | 1 - 2bar (15 - 30psi)  |
| Air Inlet Connection | 3.17mm (1/8") Male BSP   |
| Packing List         | XTech 500 Airbrush with 22ml (0.74fl oz) Crystal Cup complete with Aircap and 0.3mm or 0.5mm Needle & Nozzle Kit (supplied fitted) |

### ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT52710051  | XTech Airbrush Aircap Head Protector                             |
| PT40000500  | 22ml (0.74fl oz) Crystal Cup with Lid and Adaptor for XTech 500  |
| PT40000501  | 22ml (0.74fl oz) Crystal Cup with Lid for XTech 500              |
| PT40000504  | 50ml (1.76fl oz) Crystal Cup with Lid for XTech 500              |
| PT40000503  | 60ml (2.11fl oz) Plastic Cup with Lid and Adaptor for XTech 500  |
| PT40000502  | 100ml (3.52fl oz) Plastic Cup with Lid and Adaptor for XTech 500 |
| PT52810001  | 7ml (0.25fl oz) Lateral Metallic Cup for XTech 500               |
| PT11011603  | Plug & Air Regulator Kit; M - F BSPP 1/8"                        |
| PT11011601  | Plug & Connector Kit; M - F BSPP 1/8"                            |
| PT11011602  | Plug & Connector Kit; F 1/8" at Ø4 BSPP (Barb.)                  |
| PT56414203  | 3m Textile Air Hose; Connector 1/8" F - 1/8" M                   |
| PT56414209  | 3m Textile Air Hose; Connector 1/4" F - 1/8" M                   |

For compressors see page 2-9

# Sagola XTech Accessories



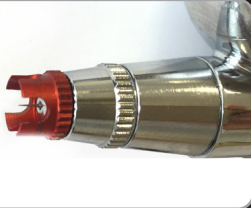
Lateral Metallic Cup



Glass Cups



Plastic Cups



Airbrush Aircap Head Protector



Connection Kits



Air Hose

## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT49000583  | Aircap & 0.2mm Needle & Nozzle Kit for XTech 200                 |
| PT49000584  | Aircap & 0.3mm Needle & Nozzle Kit for XTech 200 - 500           |
| PT49000585  | Aircap & 0.5mm Needle & Nozzle Kit for XTech 500                 |
| PT49000586  | Aircap & 0.2mm Needle & Nozzle Kit for XTech 100                 |
| PT49000588  | Aircap for XTech 200 - 500                                       |
| PT52710051  | XTech Airbrush Aircap Head Protector                             |
| PT40000500  | 22ml (0.74fl oz) Glass Cup with Lid and Adaptor for XTech 500    |
| PT40000501  | 22ml (0.74fl oz) Glass Cup with Lid for XTech 500                |
| PT40000504  | 50ml (1.76fl oz) Glass Cup with Lid for XTech 500                |
| PT40000503  | 60ml (2.11fl oz) Plastic Cup with Lid and Adaptor for XTech 500  |
| PT40000502  | 100ml (3.52fl oz) Plastic Cup with Lid and Adaptor for XTech 500 |
| PT40000505  | 9ml (0.32fl oz) Lateral Metallic Cup for XTech 400               |
| PT52810001  | 7ml (0.25fl oz) Lateral Metallic Cup for XTech 500               |
| PT11011603  | Plug & Air Regulator Kit; M - F BSPP 1/8"                        |
| PT11011601  | Plug & Connector Kit; M - F BSPP 1/8"                            |
| PT11011602  | Plug & Connector Kit; F 1/8" at Ø4 BSPP (Barb.)                  |
| PT56414203  | 3m Textile Air Hose; Connector 1/8" F - 1/8" M                   |
| PT56414209  | 3m Textile Air Hose; Connector 1/4" F - 1/8" M                   |
| PT40000241  | Airbrush Clean 3N1. Cleaning Recipient                           |
| PT70000008  | XTech Airbrushes Exhibitor                                       |
| PT40000344  | Multi-Airbrush Rack (4 airbrushes capacity)                      |
| PT40000242  | Multi-Airbrush Rack  |

# Sagola CP 1000 Compressor

Air compressor for the XTech range airbrushes

- Single cylinder piston compressor for use with the XTech range of airbrushes.
- Compact, powerful and reliable.
- Minimum maintenance.
- Ultra silent. Minimum noise level.
- Includes filter and air outlet regulator.
- Automatic stop switch.



Sagola CP 1000

## TECHNICAL SPECIFICATION

| Part Number        | Description  |
|--------------------|--|
| PT10620701         | Sagola CP 1000 Compressor; EU 220 - 240V/50Hz  |
| PT10620701UK       | Sagola CP 1000 Compressor; UK 220 - 240V/50Hz  |
| PT10620702         | Sagola CP 1000 Compressor; US 110 - 130V, 60Hz   |
| Dimensions         | 310 x 135 x 360mm (12.20 x 5.31 x 14.17")  |
| Weight             | 5.8kg (12.79lbs)   |
| Power              | 1/8 HP   |
| Piston             | Piston compressor 3L (101.4fl oz) with air tank  |
| Speed              | 1,450 - 1,700rpm   |
| Air Flow           | 20 - 23l/min (0.7 - 0.8cfm)  |
| Electrical Switch: |  |
| Auto-Start         | Auto-Start with less than 3bar (43psi)   |
| Auto-Stop          | Auto-Stop at 4bar (57psi)  |
| Pressure Regulator | 0 - 7bar (102psi)  |
| Noise Level        | 47dB   |
| Packing List       | Sagola CP1000 Single Cylinder Piston Air Compressor with Air Outlet Pressure Regulator and Airbrush Support, EU to UK Plug Adaptor (UK only) |

## ACCESSORIES

| Part Number | Description                                     |
|-------------|---|
| PT11011601  | Plug & Connector Kit; M - F BSPP 1/8"           |
| PT11011602  | Plug & Connector Kit; F 1/8" at Ø4 BSPP (Barb.) |
| PT56414203  | 3m Textile Air Hose; Connector 1/8" F - 1/8" M  |
| PT56414209  | 3m Textile Air Hose; Connector 1/4" F - 1/8" M  |
| PT56418032  | Air Hose Coupling Adapter Kit; 1/4" F & 1/8" F  |

# Sagola CP 2000 Compressor

Air compressor for the XTech range airbrushes

- Twin cylinder piston compressor for use with the XTech range of airbrushes.
- Compact, powerful and reliable.
- Minimum maintenance.
- Ultra silent. Minimum noise level.
- Includes filter and air outlet regulator.
- Automatic stop switch.



Sagola CP 2000

## TECHNICAL SPECIFICATION

| Part Number        | Description  |
|--------------------|--|
| PT10620801         | Sagola CP 2000 Compressor; EU 220 - 240V/50Hz  |
| PT10620801UK       | Sagola CP 2000 Compressor; UK 220 - 240V/50Hz  |
| PT10620802         | Sagola CP 2000 Compressor; US 110 - 130V, 60Hz   |
| Dimensions         | 350 x 140 x 360mm (13.78 x 5.51 x 14.17")  |
| Weight             | 10.7kg (23.59lbs)  |
| Power              | ¼ HP   |
| Piston             | Double Piston compressor 3.5L (118.3fl oz) with air tank   |
| Speed              | 1,450 - 1,700rpm   |
| Air Flow           | 35 - 40l/min (1.2 - 1.4cfm)  |
| Electrical Switch: |  |
| Position "0"       | Off  |
| Position "I"       | Auto-Start for less than 3bar (43psi) and Auto-Stop at 4bar (57psi)  |
| Position "II"      | Maximum pressure 6bar (86psi) Non-Stop   |
| Pressure Regulator | 0 - 10bar (145psi)   |
| Noise Level        | 47dB   |
| Packing List       | Sagola CP2000 Twin Cylinder Piston Air Compressor with Air Outlet Pressure Regulator and Airbrush Support, EU to UK Plug Adaptor (UK only) |

## ACCESSORIES

| Part Number | Description                                   |
|-------------|---|
| PT11011601  | Plug & Connector Kit; M - F BSPP ½"           |
| PT11011602  | Plug & Connector Kit; F ½" at Ø4 BSPP (Barb.) |
| PT56414203  | 3m Textile Air Hose; Connector ½" F - ½" M    |
| PT56414209  | 3m Textile Air Hose; Connector ¼" F - ½" M    |
| PT56418032  | Air Hose Coupling Adapter Kit; ¼" F & ½" F    |



# 3



The background image is a dark, low-key photograph of an industrial or laboratory setting. On the right side, there is a large glass door or window that reflects some light. To the left, a mechanical structure, possibly a scale or a part of a machine, is visible. The overall atmosphere is technical and professional.

# Drying Guns

Expertly designed for drying waterborne paints, Sagola's venturi effect drying gun ensures a greater volume of air output to evaporate the water faster - reducing drying time, increasing productivity.

# SAGOLA Super Flow Drying Gun

Engineered to reduce drying time and increase productivity, the **Sagola Super Flow** Drying Gun ensures fast water evaporation for waterborne paints.



- **High performance air flow**  
delivering up to 6,000 l/min (212cfm)
- **Engineering excellence**  
tough heavy duty construction for long service life
- **Ideal for waterborne or HS paints**

# SAGOLA Super Flow Drying Gun

- Practical and lightweight drying gun makes fast work of drying waterborne paints.
- Built-in adjustable venturi regulator to alter the drying technique to suit the coated surface, retouched area or part.
- Delivering up to 6,000l/min, the high volume of air output ensures fast evaporation of water, reducing drying times.
- Can be fully dismantled to facilitate cleaning and proper maintenance (avoiding pollution).



## TECHNICAL SPECIFICATION

|                      |  |
|----------------------|--|
| Air Inlet Coupling   | 6.35 mm (1/4") BSP   |
| Working Pressure     | 3 - 6bar (43.5 - 87psi)  |
| Maximum Air Flow     | Up to 6,000 l/min (212 cfm)  |
| Air Consumption      | 300 - 600l/min (10.6 - 21.2cfm)  |
| Application Distance | 50 - 80cm (19.7 - 31.5")   |
| Air Filter           | 40 Mesh Stainless Steel  |
| Weight               | 580g (1.28lbs)   |
| Dimensions           | 115 x 65 x 200mm (4.53 x 2.56 x 7.87)  |
| Compliance           | ATEX CE Ex II 2G X   |
| Packing List         | Super Flow Sagola Super Flow Drying Gun for Waterborne Paints complete with a Stainless Steel (40 Mesh) Filter |

| Part Number | Description                    |
|-------------|--------------------------------|
| PT10340401  | Sagola Super Flow Drying Gun   |
| PT56418055  | 40 Mesh Stainless Steel Filter |



4





# Air Filtration & Heating Systems

Set up your spray booth to maximise air quality for consistent, high quality results with Sagola's range of versatile, modular based air filtration and heating systems.

Sagola air filtration systems remove oil, moisture, particulates and organic fumes to ensure **maximum air filtration** for a flawless paint finish.

Easy **to set up** and **to maintain**, **better to spray** with for **consistent, high quality** results there are different stages of filtration:

### Stage 1 - Centrifugal force for large particulates, water & oil



- 1 The friction of the compressed air against the walls of the unit produces a decanting of solid and liquid particles which fall to the bottom of the unit's vessel.
- 2 The compressed air is forced through the porous brass filter, in a downward flow, generating an increase in speed which then sharply changes to an upward direction that produces a further decanting of the liquid particles that were in condensation.

### Stage 2 - Coalescent filtration down to 0.01 micron



- 1 When the compressed air goes through the coalescent filter it groups the liquid particles (water, oil, etc...) turning them into larger particles that accumulate at the bottom of the vessel.
- 2 The coalescent filter elements remove particles down to 0.01 microns (including aerosols with a droplet size greater than 0.01 microns).

### Stage 3 - Activated carbon filter for oil vapours, smells & hydrocarbons.



- 1 When the compressed air goes through the activated carbon filter it eliminates the oil vapours, smells and other hydrocarbons in the air and compressed gas which gather at the bottom of the vessel.
- 2 Ideal for breathe air or waterborne or HS paints for the ultimate finish.

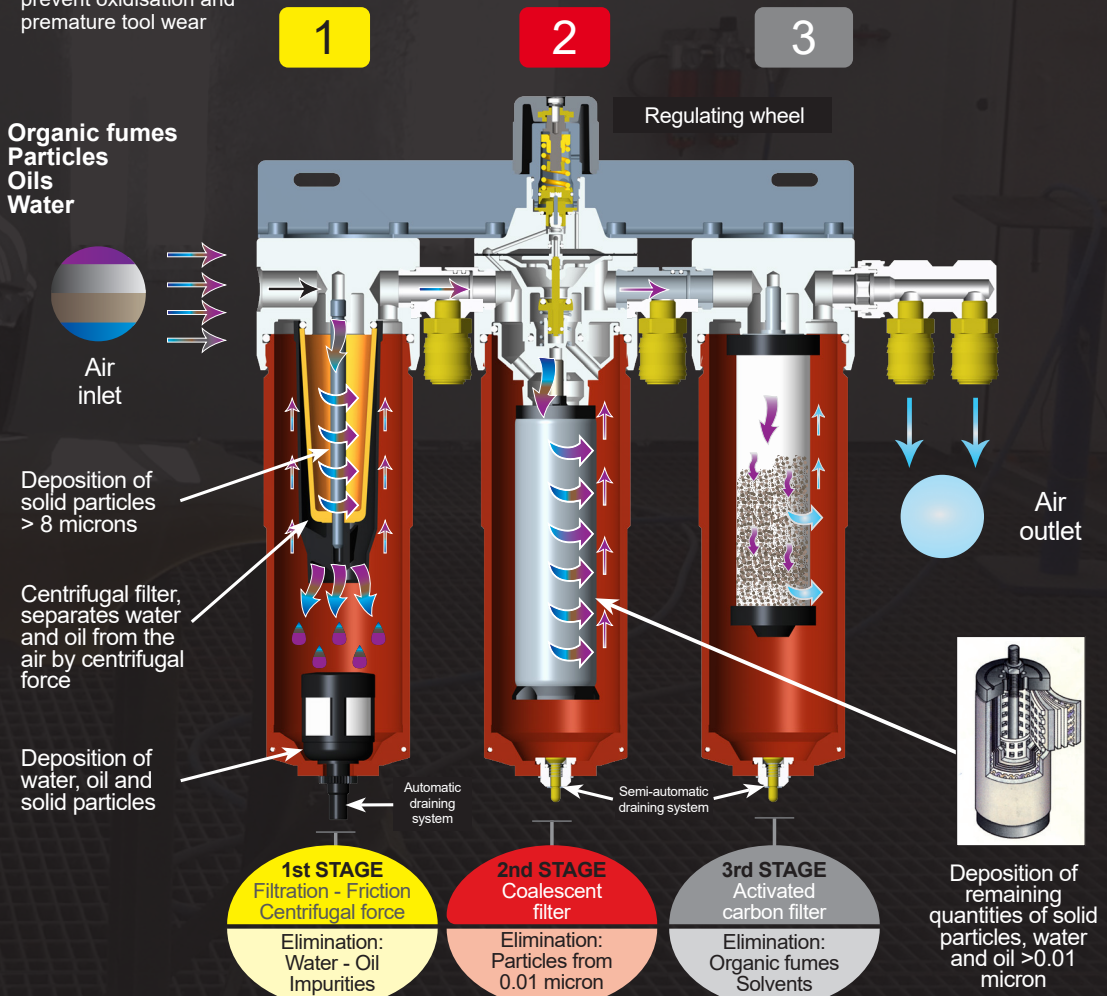


# Air Filtration Systems Explained

The air from a compressor, which is circulating throughout the line, can contain particles, solid impurities, water from the relative humidity of the compressed air and burnt oil from the compressor.

Sagola air filtration systems help to ensure a flawless finish by eliminating these impurities whilst minimising pressure loss and maximising performance.

The removal of all impurities helps to prevent oxidation and premature tool wear





# SAGOLA 5000 Series Air Filtration System



- **High performance filtration**  
for maximum air quality with minimum pressure loss
- **3 Year warranty & minimal maintenance**  
simple filter replacement
- **Engineering excellence**  
tough heavy duty construction for long service life

The **Sagola 5000 Series** air filtration system removes oil, moisture, particulates and organic fumes, ensuring **maximum air filtration** with **minimum pressure loss** throughout the system, ideal for waterborne or HS paints.

### Maximum air quality

The Sagola 5300X and 5300X+ air filtration systems offer the maximum filtration level in spray booths and spraying lines with high quality air demand. Ideal for waterborne paint and where organic fumes in the network are a problem.

### High flow with minimum pressure loss

With a flow rate greater than 3000l/min (106cfm)\*, the Sagola 5000X Series has been specially designed to minimise pressure loss, allowing it to support two air guns at once.

### Versatile modular system

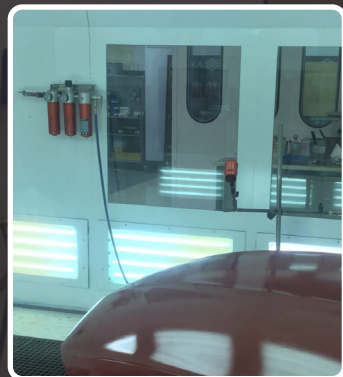
If you need to upgrade your system from a standard filter to a coalescent system or upgrade to activated carbon, with the Sagola 5000X modular system you can easily upgrade with a conversion kit.

### Built to last with minimal maintenance

Manufactured out of machined aluminium with either stainless steel or aluminium\* couplings the Sagola 5000X Series is incredibly durable.

### Range of options

From pre-filters for moisture separation to coalescent filters to remove particulates down to 0.01 micron or activated carbon for breathe air the Sagola 5000X Series is available in a range of options to meet the demands of any bodyshop.



Modular system allows you to adapt your filtration to your changing needs.



When you start using the filter press the "ON" button to monitor the life of your filter unit.

\* Dependent on model

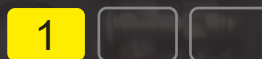


# SAGOLA 5000X

## Air Regulator Filter - Stage 1

Air filter with 2 outlets, pressure regulator & pressure gauge

- Ideal for booths working with solvent-based paints and preparation areas.
- Semi-automatic draining system.
- It has 2 outlets allowing you to use two tools at once.
- Tough machined aluminium casing.
- Membrane mechanical regulator.
- Friction and centrifugal filtration with 40 micron porous brass filter to retain water, oil and other impurities.



Sagola 5000X



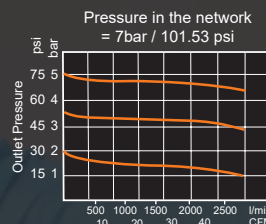
Sagola 5050X

# Sagola 5050X

## Air Pre-Filter - Stage 1

Air pre-filter with single outlet

- The Sagola 5050X is an air regulator filter, ideal for the pre-filtration in industrial air lines.
- Designed for the outlet of medium compressors (inlet 1/2") and ideal for changes in height levels in the line network, booths inlets, etc.
- Semi-automatic draining system.
- Tough machined aluminium casing.
- Friction and centrifugal filtration with 8 micron porous brass filter to retain water, oil and other impurities.



## TECHNICAL SPECIFICATION

|                               |   |
|-------------------------------|---|
| Air Flow (at 7bar)            | >3000l/min (106cfm)   |
| Air Inlet                     | 12.7mm (1/2") BSP   |
| Air Outlet                    | 6.35mm (1/4") BSP   |
| Maximum Working Pressure      | 12bar (174 psi)   |
| Maximum Operating Temperature | 90°C (194°F)  |
| Drain System                  | Semi-automatic  |
| Dimensions                    | Sagola 5000X: 148 x 119 x 384mm (5.93 x 4.69 x 15.12")<br>Sagola 5050X: 114 x 119 x 339mm (4.49 x 4.69 x 13.35")  |
| Weight                        | Sagola 5000X: 2.3kg (5.07lbs)<br>Sagola 5050X: 1.95kg (4.30lbs)   |
| Packing List                  | Sagola 5000X: Sagola 5000X Air Regulator Filter - Single Stage containing Brass Filter (40µm) with Integrated "Life" Timer, Male BSPT 6.35mm (1/4") Coupling (x2)*, Analogue Pressure Gauge (x1) & Support Bracket<br>Sagola 5050X: Sagola 5050X Air Pre-Filter - Single Stage containing Brass Filter (8µm) with Integrated "Life" Timer, Male BSPT 6.35mm (1/4") Coupling (x1)* & Support Bracket |

| Part Numbers                                       | Euro-profile | US-MIL     | NITTO      |
|--|--------------|------------|------------|
| Sagola 5000X Air Regulator Filter - 1 Stage Filter | PT10730205   | PT10730204 | PT10730207 |
| Sagola 5050X Air Pre-Filter - 1 Stage Filter       | PT10720302   | PT10720301 | PT10720303 |

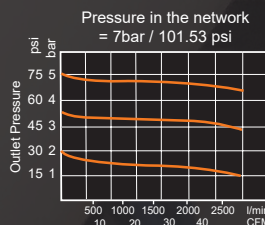
\* US-MIL, Euro-profile or NITTO version depending on part number ordered.

# SAGOLA 5100X

## Air Regulator Filter - Stage 1

with pressure regulator and a pressure gauge

- Friction and centrifugal filtering.
- Incorporates an 8 micron sinterised brass filter.
- Triple filtration system retains water and impurities.
- 2 outlets allowing you to use two tools at once.
- Tough machined aluminium casing is tougher and more protective.
- Comes with a new automatic draining system which reduces maintenance costs due to its greater durability.
- Valid for HS paints and highest quality finishes.
- Self-draining system and air assisted regulator wheel.



### TECHNICAL SPECIFICATION

| Air Flow (at 7bar)                                 | >3000l/min (106cfm)   |            |            |
|--|---|------------|------------|
| Air Inlet  | 12.7 mm (½") BSP  |            |            |
| Air Outlet   | 6.35 mm (¼") BSP  |            |            |
| Maximum Working Pressure                           | 12bar (174psi)  |            |            |
| Maximum Operating Temperature                      | 90°C (194°F)  |            |            |
| Drain System                                       | Automatic   |            |            |
| Dimensions   | 159 x 123 x 373mm (6.26 x 4.84 x 14.65")  |            |            |
| Weight   | 2.64kg (5.82lbs)  |            |            |
| Packing List                                       | Sagola 5100X Air Regulator Filter - Single Stage containing Brass Filter (8µm) with Integrated "Life" Timer, Male BSPT 6.35mm (1/4") Coupling (x2)*, Analogue Pressure Gauge (x1) and Support Bracket |            |            |
| Part Numbers                                       | Euro-profile  | US-MIL     | NITTO      |
| Sagola 5100X Air Regulator Filter - 1 Stage Filter | PT10730206  | PT10730202 | PT10730208 |

\* US-MIL, Euro-profilee or NITTO version depending on part number ordered.



# SAGOLA 5200X

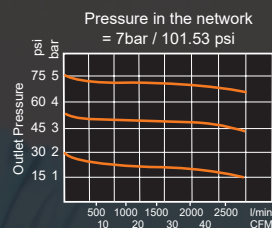
## 2 Stage Air Regulator Filter

With 2 air purifying stages, mechanical brass and coalescent, a pressure regulator and two line pressure gauges.

- Self-draining system and assisted regulator wheel.
- Incorporates an 8 micron sinterised brass filter, followed by a final 0.01 micron coalescent filter.
- 2 outlets allowing you to use two tools at once.
- New vessels are tougher and more protective.
- New draining system reduces maintenance costs due to its greater durability.
- Double filtration with optimum flow and pressure regulation, retention of water and impurities attaining an air purity of 99%.



Sagola 5200X



### TECHNICAL SPECIFICATION

|                            |  |
|----------------------------|--|
| Air Flow (at 7bar)         | >3000l/min (106cfm)  |
| Air Inlet                  | 12.7mm (½") BSP  |
| Air Outlet                 | 6.35mm (¼") BSP  |
| Max. Working Pressure      | 12bar (174psi)   |
| Max. Operating Temperature | 90°C (194°F)   |
| Drain System               | Automatic & semi-automatic   |
| Dimensions                 | 271 x 123 x 372mm (10.67 x 4.84 x 14.65")  |
| Weight                     | 4.7kg (10.36lbs)   |
| Packing List               | Sagola 5200X Air Regulator Filter - 2 Stage containing Brass Filter (8µm) and Coalescent Filter (0.01µm) both with Integrated "Life" Timer, Male BSPT 6.35mm (¼") Coupling (x2)*, Analogue Pressure Gauge (x2) and Support Bracket |

| Part Numbers                                       | Euro-profile | US-MIL     | NITTO      |
|--|--------------|------------|------------|
| Sagola 5200X Air Regulator Filter - 2 Stage Filter | PT10730307   | PT10730304 | PT10730350 |

\* US-MIL, Euro-profile or NITTO version depending on part number ordered.

# SAGOLA 5300X

## 3 Stage Regulator Filter

With coalescent filter and wide surface activated carbon filter

- Offers the maximum filtration level in spray booths and spraying lines where finishing is highly demanding.
- Sinterised brass 8 micron pre filtration is incorporated, followed by a 0.01 micron coalescent filter and final filtration by a wide surface active carbon filter.
- This process eliminates, in addition to water and impurities, organic fumes and foul air. Ideal for waterborne paint lines and where organic fumes in the network are a problem.

# SAGOLA 5300X Plus

## 3 Stage Plus Regulator Filter

Double outlet after the coalescent filter & final single outlet

- Similar technical and mechanical characteristics to the 5300X.
- The Sagola 5300X Plus offers the maximum filtration level in spray booths and spraying lines with high quality air demand. Ideal for waterborne paint and where organic fumes in the network are a problem.
- Sinterised brass 8 micron pre-filtration is incorporated, followed by a 0.01 micron coalescent filter and final filtration by a wide surface active carbon filter. In addition to water and impurities, this process eliminates organic fumes and foul air.

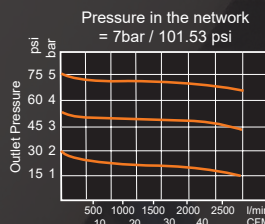
1 2 3



Sagola 5300X



Sagola 5300X PLUS



### TECHNICAL SPECIFICATION

|                       |  |                            |                 |                   |                 |
|-----------------------|--|----------------------------|-----------------|-------------------|-----------------|
| Air Flow (at 7bar)    | 2870l/min (101cfm)   | Air Inlet                  | 12.7mm (½") BSP | Air Outlet        | 6.35mm (¼") BSP |
| Max. Working Pressure | 12bar (174psi)   | Max. Operating Temperature |                 | 90°C (194°F)      |                 |
| Drain System          | Automatic & Semi-Automatic   |                            |                 |                   |                 |
|                       | Dimensions   |                            |                 | Weight            |                 |
| Sagola 5300X          | 383 x 123 x 372mm (15.08 x 4.84 x 14.65")  |                            |                 | 6.62kg (14.59lbs) |                 |
| Sagola 5300X Plus     | 377 x 119 x 372mm (14.84 x 4.69 x 14.65")  |                            |                 | 6.8kg (14.99lbs)  |                 |
| Packing List          | Sagola 5300X Air Regulator Filter - 3 Stage containing Brass Filter (8µm), Coalescent Filter (0.01µm) and Active Carbon Filter all with Integrated "Life" Timer, Male BSPT 6.35mm (¼") Coupling (x2)*, Analogue Pressure Gauge (x2) and Support Bracket      |                            |                 |                   |                 |
|                       | Sagola 5300X Plus Air Regulator Filter - 3 Stage containing Brass Filter (8µm), Coalescent Filter (0.01µm) and Active Carbon Filter all with Integrated "Life" Timer, Male BSPT 6.35mm (¼") Coupling (x3)*, Analogue Pressure Gauge (x2) and Support Bracket |                            |                 |                   |                 |

| Part Numbers  | Euro-profile | US-MIL     | NITTO      |
|---|--------------|------------|------------|
| Sagola 5300X Air Regulator Filter - 3 Stage Filter      | PT10730308   | PT10730305 | PT10730351 |
| Sagola 5300X Plus Air Regulator Filter - 3 Stage Filter | PT10730309   | PT10730306 | PT10730310 |

\* US-MIL, Euro-profile or NITTO version depending on part number ordered.

# Sagola 5000X Series Replacement Filters

The filters of the unit have a limited life. When filters become clogged, the equipment performance may decrease.



## CONSUMABLES

| Part Number | Description  |
|-------------|--|
| PT56418532  | Sagola 5000 Series Stage 1 Brass Filter (40 micron)                                |
| PT56418719  | Sagola 5000 Series Stage 1 Brass Filter (8 micron) - not compatible with the 5000X |
| PT56418071  | Sagola 5000 Series Stage 2 Coalescent Filter (0.01 micron)                         |
| PT56418070  | Sagola 5000 Series Stage 3 Active Carbon Filter                                    |

## When to change your filters

General Usage



12  
MONTHS



12  
MONTHS



6  
MONTHS

Intensive Usage



6  
MONTHS



6  
MONTHS



3  
MONTHS

Breathable  
Air Quality



6  
MONTHS



6  
MONTHS



3  
MONTHS

## How to change your filters



1. Unscrew lower section



2. Unscrew filter



3. Replace spare filter



4. Grease and attach lower section



5. Replace the time strip

# Conversion Kits & Accessories

Sagola conversion kits allow you to upgrade your air filtration system from a Sagola 5200X to a 5300X or a Sagola 5100X to a 5200X.

## CONVERSION KITS

| Part Number | Description                          |
|-------------|--------------------------------------|
| PT56418520  | Sagola 5200X to 5300X Conversion Kit |
| PT56418521  | Sagola 5100X to 5200X Conversion Kit |



Quick couplings

## Quick Couplings

Manufactured in aluminium or hardened steel with gasket in nitrile butadiene, safe and hermetic locking system.

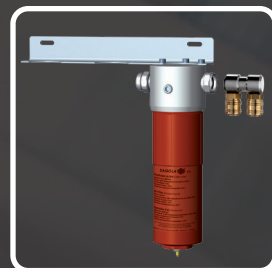
Available in Euro-profile, US-Mil, Multi-profile and Nitto system. Silicone-free joints. See section 5.



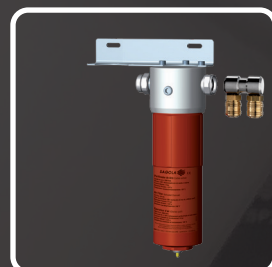
Air hose

## Anti Static Air Hoses

Antistatic and anti-adherent hose. Great flexibility and lightness. Clamping fittings for maximum safety. Inner diameter of 8mm, enough for any model of spray gun. See section 5.



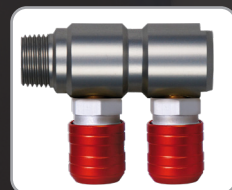
Sagola 5200X to 5300X Unit Conversion Kit



Sagola 5100X to 5200X Unit Conversion Kit

## ACCESSORIES

| Part Number | Description   |
|-------------|---|
| PT56414024  | Air Hose (I/D x O/D): 8mm x 15mm (0.31 x 0.59"); 6m (19.7ft)              |
| PT56414025  | Air Hose (I/D x O/D): 8mm x 15mm (0.31 x 0.59"); 11m (36.1ft)             |
| PT56414027  | Air Hose (I/D x O/D): 8mm x 15mm (0.31 x 0.59"); 16m (52.5ft)             |
| PT56414028  | Air Hose (I/D x O/D): 8mm x 15mm (0.31 x 0.59"); 21m (68.9ft)             |
| PT56414026  | Air Hose (I/D x O/D): 8mm x 15mm (0.31 x 0.59"); 26m (85.3ft)             |
| PT56418704  | Optional Double Outlet Quick Coupling; Male BSP 1/4", US-Mil (All Models) |
| PT70000005  | Display Stand for Sagola 5100X  |
| PT70000006  | Display Stand for Sagola 5200X  |



Optional double outlet kit



Automatic drain

For air heaters see page 4-18



# SAGOLA 4000X Series Air Filtration System



- **Economic 2 stage modular air filtration**  
delivering high quality filtration
- **Engineering excellence**  
tough heavy duty construction for long service life
- **Ideal for waterborne or HS paints** for high quality spray, whatever the coating

The **Sagola 4000X Series** modular air filtration system is the effective solution for compressed air filtration in professional paint booths.

## Maximum Air Quality

Professional line of air filters and regulators offering maximum filtering, smooth functioning and strength, at the best price/quality ratio. The Sagola 4000 series removes moisture, oil down to 0.01 microns, and ensures a minimum air pressure drop - maximum air flow 2940 l/min (103cfm)\*.

## Precision Control

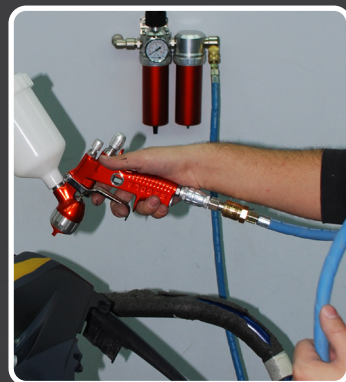
With an easy to read analogue pressure gauge displaying bar and psi plus a highly accurate regulation system with oversized regulating wheel making it easy to control - even with gloved hands.

## Reliable and Easy to Maintain

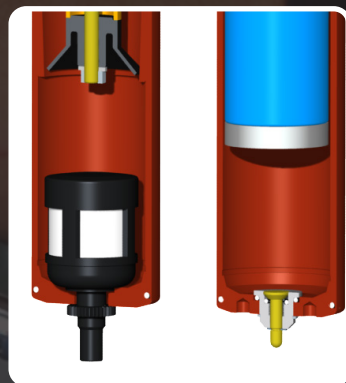
Manufactured out of machined aluminium with an anticorrosion treatment on all surfaces the reliable Sagola 4000 series is highly durable and requires minimal maintenance.

## Automatic draining system

The combination of automatic drain in the first stage and semi-automatic in the second means that the level of condensate inside the filter is kept very low.



Modular system allows you to adapt your system to your changing needs.



Easy to maintain with fast filter replacement.

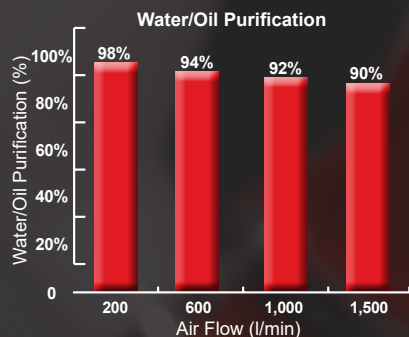
\* Dependent on Model.

# SAGOLA 4120 Plus

## Air Regulator Filter - Stage 1

Air filter and moisture separator with pressure regulator

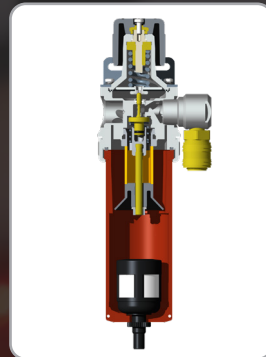
- Highly reliable air regulation system that eliminates air, oil and particles down to 24 microns.
- Manufactured from a solid aluminum block.
- Friction and centrifugal filtration.
- Automatic drain of condensed liquids.
- High air flow.
- High quality analogue pressure gauge.
- Easy wall mounting.



1



Sagola 4120 Plus



Sagola 4120 Plus cross-section

### TECHNICAL SPECIFICATION

|                                       |   |
|---------------------------------------|---|
| Air Flow (at 7bar air inlet pressure) | 2910l/min (103cfm)  |
| Air Inlet                             | 12.7mm (½") BSP   |
| Air Outlet                            | 6.35mm (¼") BSP   |
| Maximum Working Pressure              | 12bar (174psi)  |
| Maximum Operating Temperature         | 90°C (194°F)  |
| Drain System                          | Automatic   |
| Dimensions (without coupling)         | 97 x 117 x 279mm (3.82 x 4.61 x 10.98")   |
| Weight                                | 1.22kg (2.69lbs)  |
| Packing List                          | Sagola 4120 Plus Air Regulator Filter - Single Stage containing Brass Filter (24µm), Male BSPT 6.35mm (¼") Coupling (x1)*, Analogue Pressure Gauge (x1) and Support Bracket |

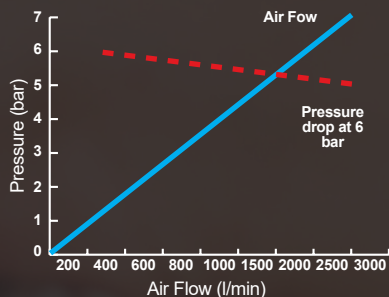
| Part Numbers   | Euro-profile | US-MIL     | NITTO      |
|--|--------------|------------|------------|
| Sagola 4120 Plus Air Regulator Filter - 1 Stage Filter | PT10730504   | PT10730502 | PT10730503 |

# SAGOLA 4220 Plus

## Air Purifying Filter - 2 Stage

With 2 air purifying stages, mechanical and coalescent, a pressure regulator and a line pressure gauge.

- Effective solution for compressed air filtration in professional paint booths.
- Highly reliable air regulation system.
- Manufactured from a solid aluminum block.
- Eliminates air, oil and particles down to 0.01 micron.
- Friction and centrifugal filtration.
- Automatic drain of condensed liquids.
- High air flow.
- High quality analogue pressure gauge.



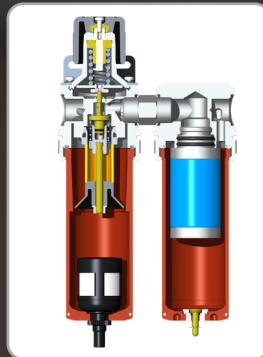
### TECHNICAL SPECIFICATION

| Air Flow (at 7bar air inlet pressure)                  | 2415l/min (85cfm)   |            |            |
|--|---|------------|------------|
| Air Inlet  | 12.7mm (½") BSP   |            |            |
| Air Outlet   | 6.35mm (¼") BSP   |            |            |
| Maximum Working Pressure                               | 12bar (174psi)  |            |            |
| Maximum Operating Temperature                          | 90°C (194°F)  |            |            |
| Drain System   | Automatic & semi-automatic  |            |            |
| Dimensions (without coupling)                          | 178 x 117 x 279mm (7.01 x 4.61 x 10.98")  |            |            |
| Weight   | 2kg (4.41lbs)   |            |            |
| Packing List   | Sagola 4220 Plus Air Purifying Filter - 2 Stage containing Brass Filter (24µm) and Coalescent Filter (0.01µm), Male BSPT 6.35mm (¼") Coupling (x1)*, Analogue Pressure Gauge (x1) and Support Bracket |            |            |
| Part Numbers   | Euro-profile  | US-MIL     | NITTO      |
| Sagola 4220 Plus Air Purifying Filter - 2 Stage Filter | PT10750404  | PT10750402 | PT10750403 |

\* US-MIL, Euro-profile or NITTO version depending on part number ordered.



Sagola 4220 Plus



Sagola 4220 Plus cross-section



# Sagola 4000 Series Replacement Filters

The filters of your unit have a limited life. When filters become clogged, the equipment performance may decrease.

1

2



## CONSUMABLES

| Part Number | Description  |
|-------------|--|
| PT56418721  | Sagola 4000 Series Stage 1 Brass Filter (24 micron)        |
| PT56418722  | Sagola 4000 Series Stage 2 Coalescent Filter (0.01 micron) |

## When to change your filters

General Usage



Intensive Usage



## How to change your filters



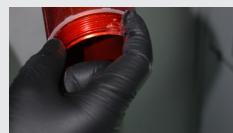
1. Unscrew lower section



2. Unscrew filter



3. Replace spare filter

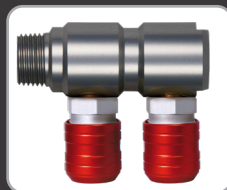


4. Grease and attach lower section

# Accessories

## ACCESSORIES

| Part Number | Description  |
|-------------|--|
| PT56418704  | Optional Double Outlet Kit                         |
| PT56450010  | Automatic Drain                                    |
| PT56418533  | Semi Automatic Drain Valve (Sagola 4220 Plus only) |
| PT56418587  | Sagola 4120 Plus Gasket Kit                        |
| PT56418588  | Sagola 4220 Plus Gasket Kit                        |
| PT56418721  | Sinterised Brass Filter Kit (24 microns)           |
| PT56418722  | Coalescent Filter Kit (0.01 micron)                |
| PT70000007  | Sagola 4220 Filter Display                         |



Optional double outlet kit



Automatic drain

## Quick Couplings

Manufactured in aluminium or hardened steel with gasket in nitrile butadiene, safe and hermetic locking system. Available in Euro-profile, US-Mil, Multi-profile and Nitto system. Silicone-free joints. See section 5.



Quick couplings

## Anti Static Air Hoses

Antistatic and anti-adherent hose. Great flexibility and lightness. Clamping fittings for maximum safety. Inner diameter of 8mm, enough for any model of spray gun. See section 5.



Air hose



**NO TOOLS REQUIRED FOR ASSEMBLY AND MAINTENANCE**

For air heaters see page 4-18

# SAGOLA Pack 6000X Air Heater



- Ensures a constant temperature regardless of environmental conditions for consistent quality finish
- Engineering excellence compact robust design with a 3 year warranty and minimal maintenance required
- Ideal for industrial applications for high quality spray, whatever the coating



The **Sagola Pack 6000X** air heater system heats compressed air to a constant working temperature to ensure a stable spraying process, and a reduction of the dew point temperature.

### **Avoid condensation problems**

Heating the compressed air reduces its relative humidity avoiding condensation problems in cold and wet environments.

### **Maximum Air Quality All Year Round**

Regardless of the environmental conditions, the Sagola 6000X supplies compressed air used in spraying processes at a constant temperature, even when there are large temperature differences between day and night, winter and summer.

### **Optimal Surface Quality Finish**

The use of this equipment provides an optimal surface quality finish, whilst maintaining a constant temperature in the compressed air, as required for the application of certain types of products.

### **Easy to Use**

Lightweight, small and easy to install, the Sagola 6000X is fitted with a PID digital temperature controller and push button LED display with red and green indicators to identify when up to the temperature selected.

### **Cool Touch Case**

The cold air enters the pressurised chamber cooling the outer shell of the equipment, keeping it isolated from the hot chamber inside ensuring the Sagola 6000X is safe to touch.

### **Minimal Heat Loss**

The Sagola 6000X is supplied with an anti-static hose specially designed to prevent heat loss of the air before it reaches the nozzle.



Heated hose system. Independent to the room temperature.

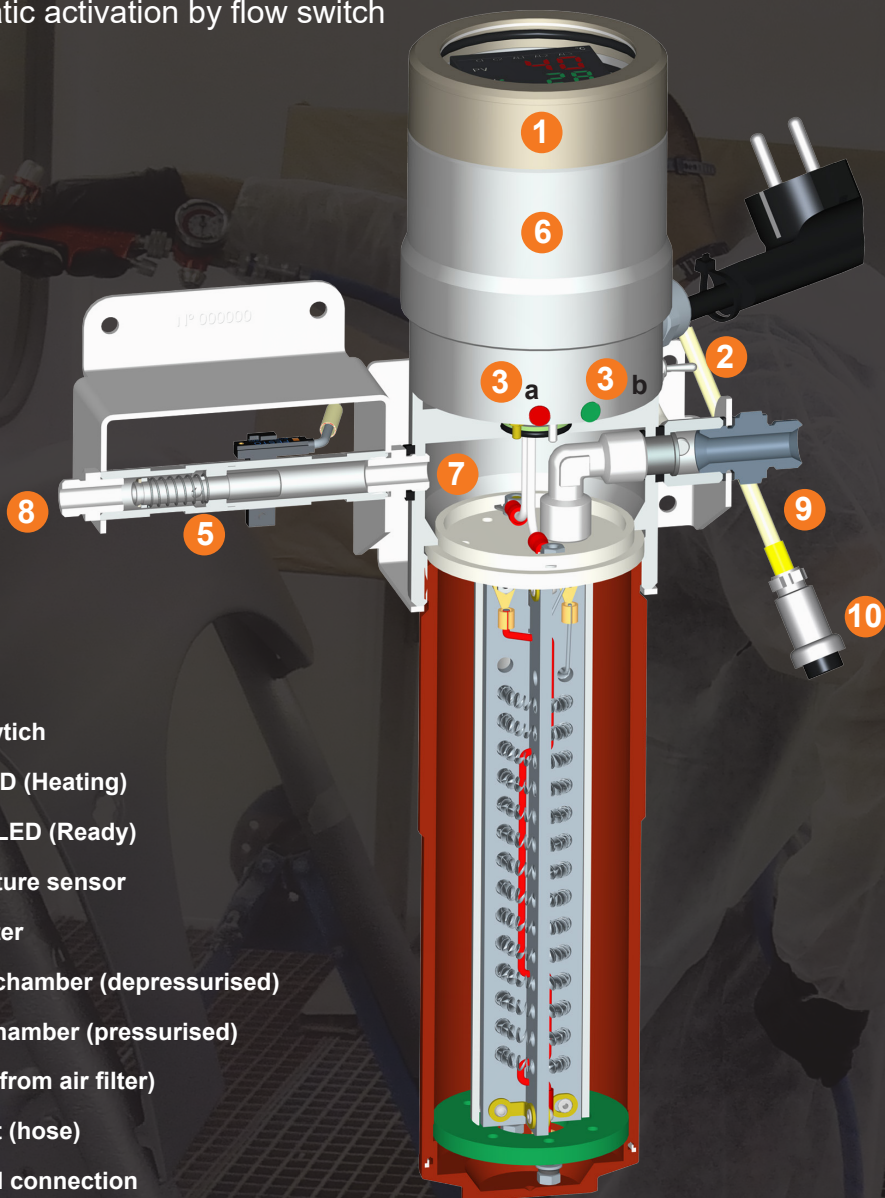


Digital temperature display.



# Sagola 6000X Air Heater

- PID Digital temperature controller
- Thermocouple temperature sensor
- Self-learning function
- Overheating protection
- Automatic activation by flow switch



- 1 Controls
- 2 Mains switch
- 3 a Red LED (Heating)
- 3 b Green LED (Ready)
- 4 Temperature sensor
- 5 Flow meter
- 6 Cold air chamber (depressurised)
- 7 Hot air chamber (pressurised)
- 8 Air inlet (from air filter)
- 9 Air outlet (hose)
- 10 Electrical connection
- 11 Wall mounting bracket

# Sagola 6000X Air Heater

Air heating system to ensure temperature stability of compressed air at the spray gun.

- Temperature stability both in the compressed air and the final spraying elements such as hose and spray gun.
- Stable spraying process in areas with large temperature changes between day and night, winter and summer.
- Constant working temperature.
- Compact and robust.
- Digital temperature display.
- Cold touch, thermal insulation.
- Easy to use; power button and temperature controller.
- Out of the box installation.
- Lightweight and small; easy to locate.
- Right temperature in the spray gun almost immediately.
- It includes a insulated hose to get the maximum energy-performance.
- Designed to be fitted after air filtration systems and before the spray gun.



Sagola 6000X  
Air Heater

## TECHNICAL SPECIFICATION

|                               |   |
|-------------------------------|---|
| Power                         | 110-240V (50-60Hz)  |
| Maximum Consumption           | 800 watt  |
| Maximum Working Pressure      | 7bar (101psi)   |
| Maximum Flow at 7bar (101psi) | 750l/min (26.48cfm)   |
| Recommended Temperatures      |   |
| Clearcoat                     | 40 - 60°C (104 - 140°F)   |
| Waterborne Basecoat           | 30 - 50°C (86 - 122°F)  |
| Solvent Based Basecoat        | 30 - 40°C (86 - 104°F)  |
| Dimensions                    | 405 x 92 x 255mm (15.94 x 3.62 x 10.04")  |
| Weight                        | 3.6kg (7.4lbs)  |
| Packing List                  | Sagola 6000X Air Heater with 11m (36ft) Heated Hose & UK Plug Adaptor (UK only) |

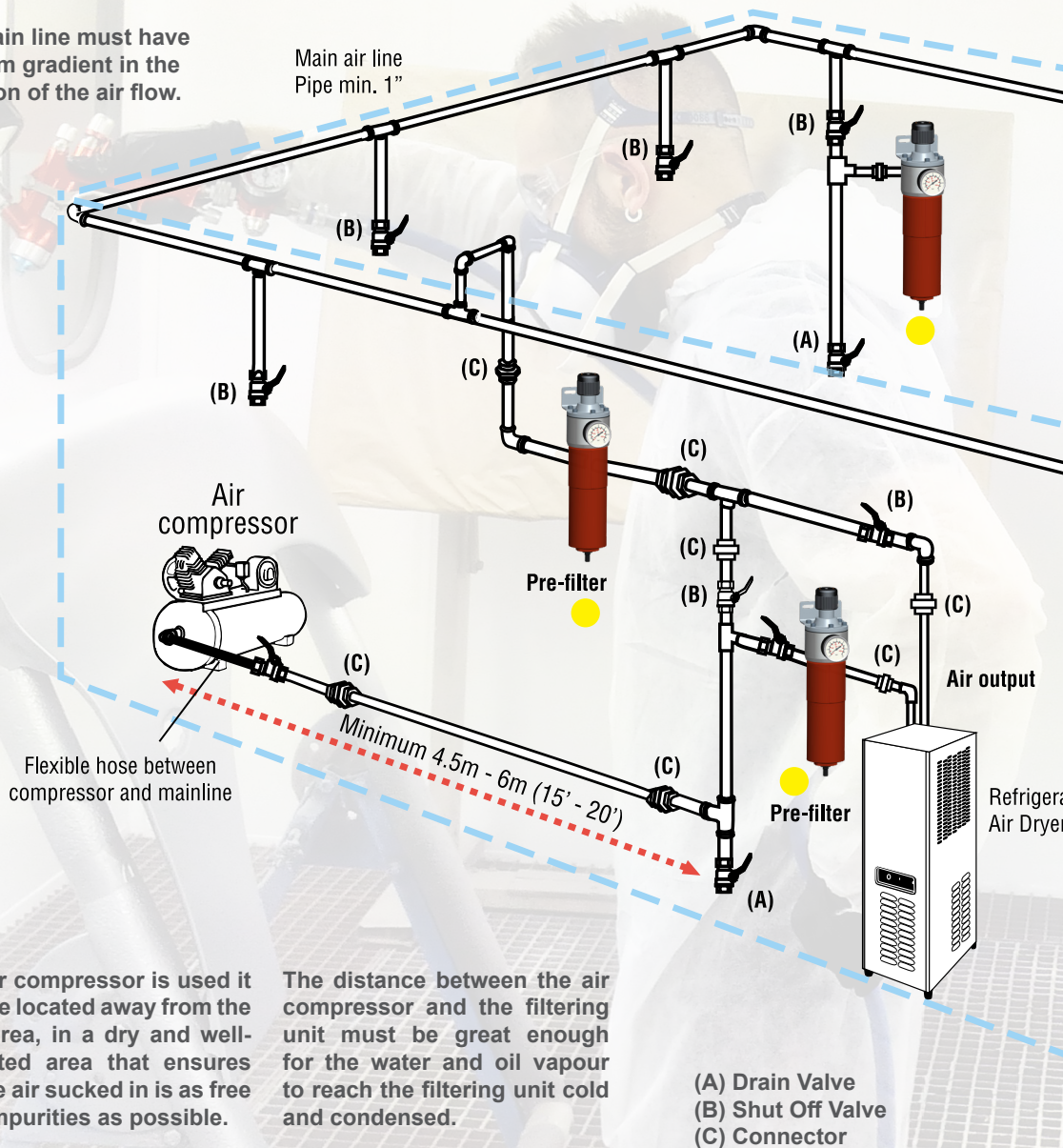
| Part Number  | Description                                  |
|--------------|--|
| PT10780102   | Sagola 6000X Air Heater; EU 220 - 240V, 50Hz |
| PT10780102UK | Sagola 6000X Air Heater; UK 220 - 240V, 50Hz |
| PT10780104   | Sagola 6000X Air Heater; US 110 - 130V, 60Hz |



# Air Filtration & Heating - What Goes Where?

The type and condition of the installed compressor and the quality of the air it is supplying must be taken into account when selecting the air filtration system.

The main line must have a 1cm/m gradient in the direction of the air flow.

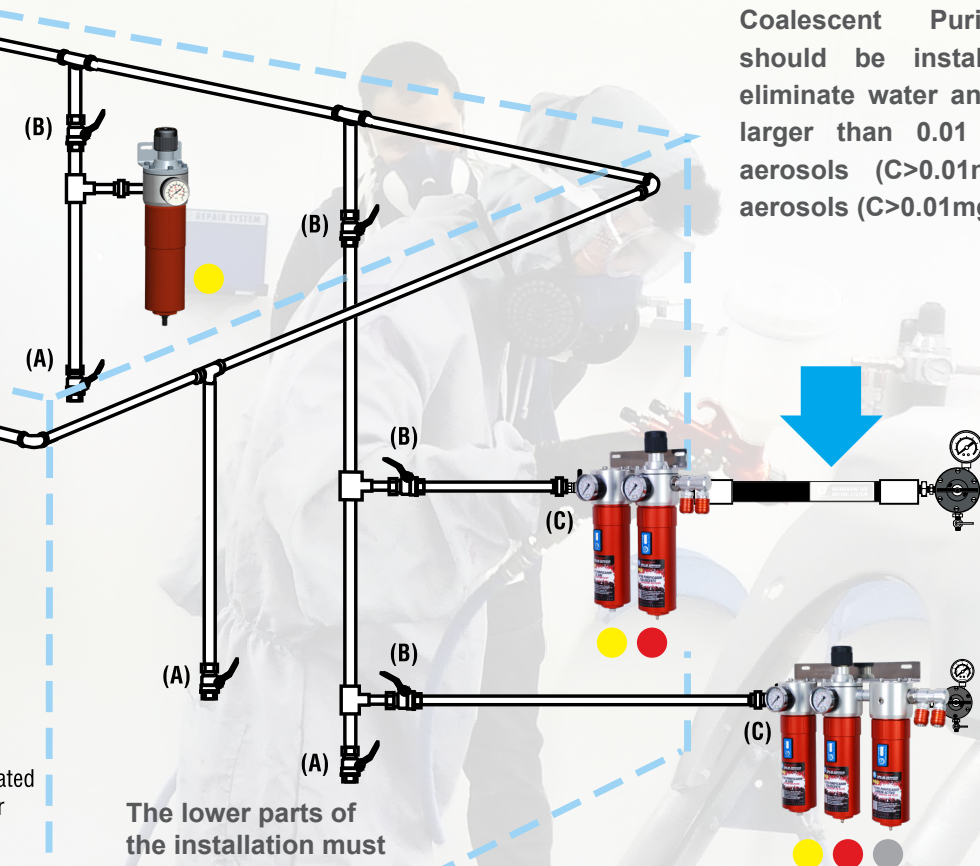


If an air compressor is used it must be located away from the work area, in a dry and well-ventilated area that ensures that the air sucked in is as free from impurities as possible.

The distance between the air compressor and the filtering unit must be great enough for the water and oil vapour to reach the filtering unit cold and condensed.

When setting up the general installation, T-connections must be provided for successive network expansions.

For greater air purity the 5200X Coalescent Purifier Regulator should be installed which will eliminate water and solid particles larger than 0.01 microns, water aerosols ( $C > 0.01 \text{ mg/m}^3$ ) and oil aerosols ( $C > 0.01 \text{ mg/m}^3$ ).



The lower parts of the installation must be equipped with automatic drains.

Alternatively the Sagola 5300X Purifier Regulator with Coalescent Filter plus Activated Carbon Filter can be used when it is necessary to eliminate oil, hydrocarbons or water in vapour form, organic fumes are present, foul air, solid particles larger than 0.01 micron and residual oil: maximum 0.003ppm.



# 5





# Hose & Couplings

Sagola's extensive range of high quality air hose, quick couplings and connectors are designed to be lightweight, safe and durable.

# Sagola Anti-Static Air Hose

Light, flexible and manageable antistatic hose

- Anti-static EPDM rubber hose.
- Exterior textile reinforcement.
- Ideal for spraying in the booth.
- Light, flexible, manageable and twist free.
- High security crimped ends able to bear the high temperatures of the booth.
- No need to use flanges, avoiding that they release or cause leaks due to dilation.

## STANDARDS:

97/23/CE, UNE EN-559



## TECHNICAL SPECIFICATION

|                        |   |
|------------------------|---|
| Temperature Range      | -40°C to 120°C (-40°F to 248°F)   |
| Max Working Pressure   | 20bar (290psi)  |
| Breakage Pressure      | 60bar (870psi)  |
| Dimensions (I/D x O/D) | 6 x 12mm (0.24 x 0.47") and 8 x 15mm (0.31 x 0.59")   |
| Material (inside)      | EPDM Rubber   |
| Material (outside)     | Textile Reinforcement   |
| Colour                 | Blue  |
| Connections            | 6.35mm (1/4") female couplings with conical closure and flare fitting for easy assembly of the push connector |
| Conducting Pipe        | < 1 M $\Omega$  |

| Part Number | Description   |
|-------------|---|
| PT56414014  | Anti-static Air Hose 2.5m (8.2ft) Ø 6x12mm (0.24 x 0.47") |
| PT56414024  | Anti-static Air Hose 6m (19.7ft) Ø 8x15mm (0.31 x 0.59")  |
| PT56414025  | Anti-static Air Hose 11m (36ft) Ø 8x15mm (0.31 x 0.59")   |
| PT56414027  | Anti-static Air Hose 16m (52.5ft) Ø 8x15mm (0.31 x 0.59") |
| PT56414028  | Anti-static Air Hose 21m (68.9ft) Ø 8x15mm (0.31 x 0.59") |
| PT56414026  | Anti-static Air Hose 26m (85.3ft) Ø 8x15mm (0.31 x 0.59") |

# Sagola Combined Air and Product Hose

Sagola air and product hose + cover hose for low pressure pneumatic pumps

- Nylon product hose 6 x 8mm (0.24 x 0.31") with quick connect terminals.
- Adapter  $\frac{3}{8}$ " female for pressure spray guns.
- Special hose set for low pressure equipments.
- EPDM rubber anti-static air hose 8 x 15mm (0.31 x 0.59") with high security crimped ends  $\frac{1}{4}$ " F.
- Polyester protective cover of high resistance to friction and abrasion.

## STANDARDS:

Air hose: 97/23/CE, UNE EN-559

Product hose: DIN 73378

Cover: RoHS, ISO 6945, MSHA



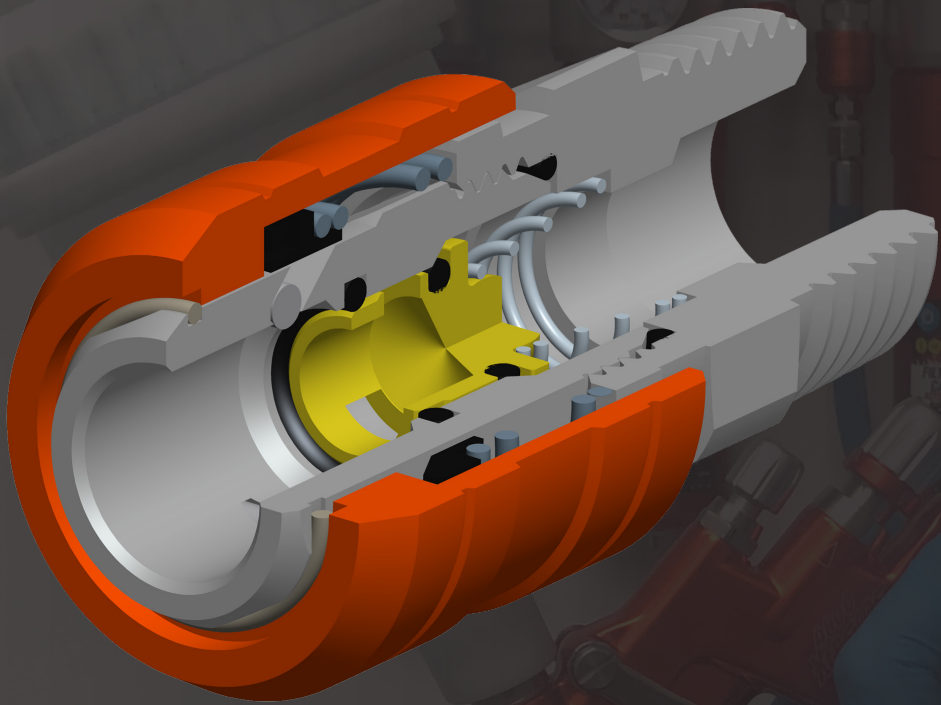
## TECHNICAL SPECIFICATION

|                        | Product hose                            | Air hose                                | Cover                             |
|------------------------|---|---|-----------------------------------|
| Temperature Range      | -20°C to 60°C<br>(-4°F to 140°F)        | 40°C to 120°C<br>(-40°F to 248°F)       | -60°C to 125°C<br>(-76°F to 57°F) |
| Dimensions (I/D x O/D) | 6 x 8mm<br>(0.24 x 0.31")               | 8 x 15mm<br>(0.31 x 0.59")              | -                                 |
| Working Pressure       | 18bar (261psi)                          | 20bar (290psi)                          | -                                 |
| Breakage Pressure      | -                                       | 60bar (870psi)                          | -                                 |
| Material (inside)      | Polyamide PA12                          | EPDM                                    | Polyester                         |
| Material (outside)     | Polyamide PA12                          | Textile Reinforcement                   | Polyester                         |
| Colour                 | White                                   | Blue                                    | Black                             |
| Anti-Static            | -                                       | Yes                                     | -                                 |
| Connections            | 9.53mm ( $\frac{3}{8}$ ")<br>Female BSP | 6.35mm ( $\frac{1}{4}$ ")<br>Female BSP | -                                 |

| Part Number | Description  |
|-------------|--|
| PT56418708  | 1.5m (4.9ft) Combined Anti-Static Air Hose & Nylon Product Hose Set  |
| PT56414128  | 1.8m (5.9ft) Combined Anti-Static Air Hose & Nylon Product Hose Set  |
| PT56414039  | 5m (16.4ft) Combined Anti-Static Air Hose & Nylon Product Hose Set   |
| PT56414044  | 7.5m (24.6ft) Combined Anti-Static Air Hose & Nylon Product Hose Set |
| PT56414040  | 10m (32.8ft) Combined Anti-Static Air Hose & Nylon Product Hose Set  |
| PT56414041  | 15m (49.2ft) Combined Anti-Static Air Hose & Nylon Product Hose Set  |
| PT56414042  | 20m (65.6ft) Combined Anti-Static Air Hose & Nylon Product Hose Set  |



# SAGOLA Plug & Connectors



- **Wide range to suit your needs**  
Available in US-Mil, Euro-Profile, Multi-Profile and Nitto systems.
- **Standard, lightweight and safety quick couplings**  
to suit your requirements
- **Ideal for pneumatic spray guns**  
and any pneumatic tool from the workshop.

SAGOLA offers a wide range of quality and robust connectors to meet your requirements.

## Security versions

- Two movements to disconnect: Push - Pull.
- Anti-whiplash safety plug in accordance with ISO 4414.

## Composite material

- The new range of SAGOLA plugs incorporates a handle made of composite, which gives a high resistance to both attrition and drag.
- The plug body is made of treated steel and the valve is made of brass, offering a life cycle of more than 1,500,000 uses.
- Wear resistance tested to more than 48,000 impacts and the equivalent to a 12km crawl.

## Lightweight

- Sagola offers the ultra-light version weighing only 45 grams (1.6oz). The body and quick release collar are made of high strength aluminum with a brass valve body.

## Compatibility

- All steel and aluminum plugs are BSP. Males (BSPT) and females (BSPP). US-Mil, Euro-Profile, Multi-Profile and Nitto range.



Push-Pull system. Safety plug version. Easy to connect.



Standard, lightweight and safety versions available for quick couplings.

# Sagola Quick Couplings

Standard, safety and Lightweight version

- Includes aluminum and safety versions.
- Long life and high attrition resistance plugs.
- Body and quick release collar made of high strength aluminum. Valve made of brass. Pins made of high strength steel.



Standard version



Safety version



## STANDARDS:

ISO 4414 (Safety Coupling)

## TECHNICAL SPECIFICATION

| Part Number                    | Description  |
|--------------------------------|--|
| Weight                         | Ultra-light: 45g (1.59oz) / Standard: 65g (2.29oz) / Safety: 68g (2.40oz)                            |
| Material: Quick Release Collar | Ultra-light: Aluminum / Standard & Safety: Composite   |
| Material:                      | Joints (Nitrilo Butadiene), Body plug (Steel with anticorrosive treatment), Spring (stainless steel) |
| Air Coupling                   | ¼" (6.35mm)  |
| Temperature Range              | -20°C to 100°C (-4°F to 212°F)   |
| Air Flow                       | 1,133l/min (40cfm)   |

## US-Mil Range. ULTRA-LIGHT

| Part Number | Description        | System |
|-------------|--------------------|--------|
| PT11010531  | M-BSPT ¼" (6.35mm) | US-Mil |
| PT11010431  | F-BSPP ¼" (6.35mm) |        |
| PT11010629  | Barbed 8mm         |        |

## US-Mil Range. Standard

| Part Number | Description        | System |
|-------------|--------------------|--------|
| PT11010524  | M-BSPT ¼" (6.35mm) | US-Mil |
| PT11010525  | M-BSPT ⅜" (9.53mm) |        |
| PT11010526  | M-BSPT ½" (12.7mm) |        |
| PT11010424  | F-BSPP ¼" (6.35mm) |        |
| PT11010425  | F-BSPP ⅜" (9.53mm) |        |
| PT11010426  | F-BSPP ½" (12.7mm) |        |
| PT11010624  | Barbed 8mm         |        |
| PT11010625  | Barbed 10mm        |        |

## US-Mil range. SAFETY PLUG

| Part Number | Description        | System |
|-------------|--------------------|--------|
| PT11010528  | M-BSPT ¼" (6.35mm) | US-Mil |
| PT11010529  | M-BSPT ⅜" (9.53mm) |        |
| PT11010530  | M-BSPT ½" (12.7mm) |        |
| PT11010428  | F-BSPP ¼" (6.35mm) |        |
| PT11010429  | F-BSPP ⅜" (9.53mm) |        |
| PT11010430  | F-BSPP ½" (12.7mm) |        |
| PT11010627  | Barbed 8mm         |        |
| PT11010628  | Barbed 10mm        |        |

## US-Mil range. Standard. 25 units

| Part Number | Description        | System |
|-------------|--------------------|--------|
| PT11010527  | M-BSPT ¼" (6.35mm) | US-Mil |
| PT11010427  | F-BSPP ⅜" (9.53mm) |        |
| PT11010626  | Barb. 8mm          |        |



# Sagola Quick Couplings

Euro-Profile, Multi-Profile and Nitto system

## Euro-Profile Standard

| Part Number | Description | System       |
|-------------|-------------|--------------|
| PT11010823  | M-BSPT 1/4" | Euro Profile |
| PT11010824  | M-BSPT 3/8" |              |
| PT11010825  | M-BSPT 1/2" |              |
| PT11010723  | F-BSPP 1/4" |              |
| PT11010724  | F-BSPP 3/8" |              |
| PT11010725  | F-BSPP 1/2" |              |
| PT11010924  | Barbed 8mm  |              |
| PT11010923  | Barbed 10mm |              |

## Euro-Profile SAFETY PLUG

| Part Number | Description | System       |
|-------------|-------------|--------------|
| PT11011323  | M-BSPT 1/4" | Euro Profile |
| PT11011324  | M-BSPT 3/8" |              |
| PT11011325  | M-BSPT 1/2" |              |
| PT11011423  | F-BSPP 1/4" |              |
| PT11011424  | F-BSPP 3/8" |              |
| PT11011425  | F-BSPP 1/2" |              |
| PT11011523  | Barbed 8mm  |              |
| PT11011524  | Barbed 10mm |              |

## Multi-Profile Range

| Part Number | Description | System        |
|-------------|-------------|---------------|
| PT11010826  | M-BSPT 1/4" | Multi Profile |
| PT11010827  | M-BSPT 3/8" |               |
| PT11010726  | F-BSPP 1/4" |               |
| PT11010727  | F-BSPP 3/8" |               |
| PT11010925  | Barbed 8mm  |               |
| PT11010926  | Barbed 10mm |               |

## Nitto Range

| Part Number | Description | System |
|-------------|-------------|--------|
| PT11011701  | M-BSPT 1/4" | Nitto  |
| PT11011702  | M-BSPT 3/8" |        |
| PT11011801  | F-BSPP 1/4" |        |
| PT11011802  | F-BSPP 3/8" |        |
| PT11011901  | Barbed 8mm  |        |
| PT11011902  | Barbed 10mm |        |

## How to Connect and Disconnect the Plug

### Connect and disconnect the standard plug



1. Press until coupled

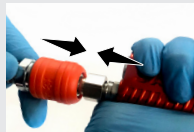


2. Pull the body as indicated by the arrow



3. Disconnect the plug

### Disconnect the safety plug



1. Move the plug and tool as indicated by the arrows



2. Push the plug



3. Pull the plug



4. Disconnect the plug

# Sagola Brass Couplings

## Sagola Brass Couplings

- Versatile.
- Simple blocking plug made of brass with Buna N gasket.
- With excellent sealing properties which avoid the penetration of impurities to the inside.



### US-Mil Range Brass Plug

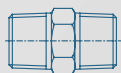
| Part Number | Description | System |
|-------------|-------------|--------|
| PT11010520  | M-BSPT 1/4" | US-Mil |
| PT11010521  | M-BSPT 3/8" |        |
| PT11010522  | M-BSPT 1/2" |        |
| PT11010420  | F-BSP 1/4"  |        |
| PT11010421  | F-BSP 3/8"  |        |
| PT11010422  | F-BSP 1/2"  |        |
| PT11010621  | Barbed 8mm  |        |
| PT11010622  | Barbed 10mm |        |

### US-Mil Range Brass Plug - Pack of 25

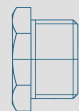
| Part Number | Description | System |
|-------------|-------------|--------|
| PT11010523  | M-BSPT 1/4" | US-Mil |
| PT11010423  | F-BSP 1/4"  |        |
| PT11010623  | Barbed 8mm  |        |

## Sagola Brass Threaded Connectors

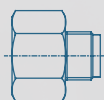
Made in brass. Anticorrosive treatment. Supplied as packs of 2.



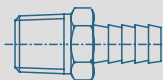
| Part Number | Description   |
|-------------|---------------|
| PT11000101  | BSPT 1/4" M-M |
| PT11000102  | BSPT 1/2" M-M |
| PT11000103  | BSPT 3/8" M-M |



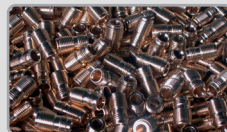
| Part Number | Description               |
|-------------|---------------------------|
| PT11000106  | BSPP 1/2" F - BSPT 3/8" M |
| PT11000107  | BSPP 3/8" F - BSPP 1/4" M |
| PT11000108  | BSPT 3/8" M - BSPP 1/4" F |



| Part Number | Description               |
|-------------|---------------------------|
| PT11000104  | BSPT 1/2" M - 3/8" M      |
| PT11000105  | BSPT 3/8" M - 1/4" M      |
| PT11000112  | BSPT 1/2" M - BSPP 3/8" F |
| PT11000113  | BSPT 1/2" M - BSPP 3/8" F |



| Part Number | Description            |
|-------------|------------------------|
| PT11000109  | BSPT 1/2" M - Barb 8mm |
| PT11000110  | BSPT 3/8" M - Barb 8mm |
| PT11000111  | BSPT 1/4" M - Barb 8mm |



# Sagola Steel Connectors

## Sagola Connectors

Made of stainless steel

- The size 2 plug is the most commonly used push plug in paint and body shops, and also in industry for the connection of all kinds of pneumatic tools.
- Silicone free.
- All springs, valves and pins made of stainless steel.

Orientable connector



### US-Mil range. Connectors. Pack of 2

| Part Number | Description | System |
|-------------|-------------|--------|
| PT11020520  | F-BSPT 1/4" | US-Mil |
| PT11020521  | F-BSPT 3/8" |        |
| PT11020522  | F-BSPT 1/2" |        |
| PT11020420  | M-BSPP 1/4" |        |
| PT11020421  | M-BSPP 3/8" |        |
| PT11020422  | M-BSPP 1/2" |        |
| PT11020621  | Barbed 8mm  |        |
| PT11020622  | Barbed 10mm |        |

### US-Mil range. Connectors. Pack of 50

| Part Number | Description | System |
|-------------|-------------|--------|
| PT11020523  | F-BSPT 1/4" | US-Mil |
| PT11020423  | M-BSPP 1/4" |        |
| PT11020623  | Barbed 8mm  |        |

### Orientable quick connector. Pack of 2

| Part Number | Description | System |
|-------------|-------------|--------|
| PT11020523  | F-BSPP 1/4" | US-Mil |

### Euro-Profile range. Connectors. Pack of 2

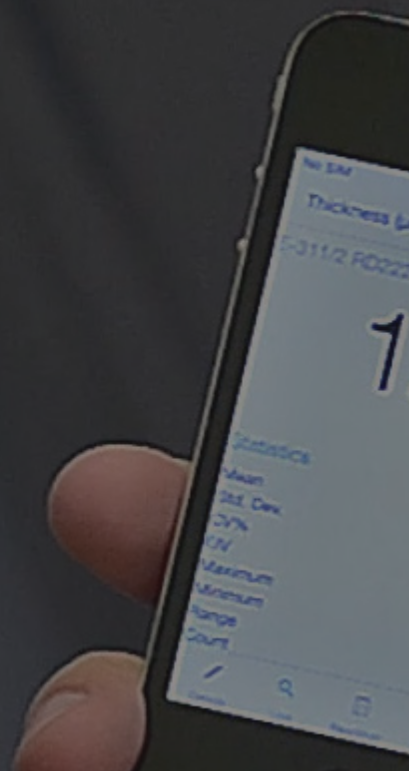
| Part Number | Description | System       |
|-------------|-------------|--------------|
| PT11020710  | M-BSPT 1/4" | Euro Profile |
| PT11020721  | M-BSPT 3/8" |              |
| PT11020722  | M-BSPT 1/2" |              |
| PT11020810  | F-BSPP 1/4" |              |
| PT11020821  | F-BSPP 3/8" |              |
| PT11020822  | F-BSPP 1/2" |              |
| PT11020921  | Barbed 8mm  |              |
| PT11020922  | Barbed 10mm |              |

### Nitto range. Connectors. Pack of 2

| Part Number | Description | System |
|-------------|-------------|--------|
| PT11021001  | M-BSPT 1/4" | Nitto  |
| PT11021002  | M-BSPT 3/8" |        |
| PT11021101  | F-BSPP 1/4" |        |
| PT11021102  | F-BSPP 3/8" |        |
| PT11021201  | Barbed 8mm  |        |
| PT11021202  | Barbed 10mm |        |



# 6



The background image shows a hand holding a paint inspection tool, likely a coating thickness gauge, against a metallic surface. The tool has a black handle with orange accents. In the bottom left corner, a smartphone is visible, displaying a digital readout of '20.0' and a list of numerical data points. The text 'Paint Inspection Equipment' is overlaid in a large, orange, sans-serif font.

# Paint Inspection Equipment

For over 75 years, Elcometer has been a global leader in the design, manufacture and supply of coating inspection equipment.



# Elcometer 456 Coating Thickness Gauge

The **Elcometer 456** measures paint thickness on ferrous and non-ferrous substrates up to 1500µm (60mils), ideal for even the most luxurious paint job.

Measure coatings up to 1500µm (60mils) on metal substrates

Easy to read, user definable display with automatic screen brightness

Dust and waterproof rugged design equivalent to IP64

Ergonomic design, ideal for continuous use

Automatically switches for ferrous to non-ferrous

Temperature stable measurements





# Elcometer 456 Coating Thickness Gauge

## Fast

Helping you become more efficient

Measures up to 70+ readings per minute, complete with multiple calibration memories and alphanumeric batch identification.

## Accurate

Accurate measurements on smooth, rough, thin and curved surfaces

Measures on smooth, rough, thin and curved surfaces to  $\pm 1\%$  in accordance with National & International Standards.

## Easy

Large buttons and colour screen

LCD screen with auto rotate; user calibration adjustment or factory calibrated with high and low reading limit indicators in multiple languages.

## Reliable

Designed to last

Heavy duty, impact resistant and supplied with fully traceable test certificates and our 2 year gauge warranty\*.

## Powerful

Store up to 150,000 readings in 2,500 batches

Measures up to 1,500 $\mu$ m (60mils) of coating on metal substrates with USB and Bluetooth® data output making it compatible with ElcoMaster® software.



Large easy to read measurements in Metric and Imperial units



Available with Dual FNF probes with automatic substrate detection



View up to 8 user selectable statistics on screen



Rugged and reliable, ideal for demanding environments

\* The Elcometer 456 is supplied with a 1 year warranty against manufacturing defects. The warranty can be extended free of charge to 2 years within 60 days of purchase via [www.elcometer.com](http://www.elcometer.com).

# Elcometer 456 Coating Thickness Gauge

## PRODUCT FEATURES

■ Standard □ Optional

|   | Model B                   | Model S                   | Model T                   |
|---|---------------------------|---------------------------|---------------------------|
| Fast, accurate reading rate; <i>70+ readings per minute</i>             | ■                         | ■                         | ■                         |
| Repeatable & reproducible measurements                                  | ■                         | ■                         | ■                         |
| Easy to use menu structure; <i>in 30+ languages</i>                     | ■                         | ■                         | ■                         |
| Tough, impact, waterproof & dust resistant; <i>equivalent to IP64</i>   | ■                         | ■                         | ■                         |
| Bright colour screen; <i>with permanent backlight</i>                   | ■                         | ■                         | ■                         |
| Scratch & solvent resistant display; <i>2.4" (6cm) TFT</i>              | ■                         | ■                         | ■                         |
| Large positive feedback buttons   | ■                         | ■                         | ■                         |
| USB power supply; <i>via PC</i>   | ■                         | ■                         | ■                         |
| Test certificate  | ■                         | ■                         | ■                         |
| 2 year gauge warranty <sup>1</sup>                                      | ■                         | ■                         | ■                         |
| Automatic rotating display; <i>0°, 90°, 180° &amp; 270°</i>             | ■                         | ■                         | ■                         |
| Ambient light sensor; <i>with adjustable auto brightness</i>            | ■                         | ■                         | ■                         |
| Emergency light   | ■                         | ■                         | ■                         |
| Tap awake from sleep  | ■                         | ■                         | ■                         |
| Gauge software updates <sup>2</sup> ; <i>via ElcoMaster® software</i>   | ■                         | ■                         | ■                         |
| Data output   | ■                         | ■                         | ■                         |
| USB; <i>to computer</i>   | ■                         | ■                         | ■                         |
| Bluetooth®; <i>to computer, Android™ &amp; iOS<sup>3</sup> devices</i>  |                           | ■                         | ■                         |
| On screen statistics  | ■                         | ■                         | ■                         |
| Number of readings; <i>η Mean (average); x Standard deviation;</i>      | ■                         | ■                         | ■                         |
| σ Highest reading; <i>Hi</i> Lowest reading; <i>Lo</i> Coefficient of   |                           |                           |                           |
| variation; <i>CV%</i> , <i>Elcometer index value<sup>4</sup>; EIV</i>   |                           |                           |                           |
| Nominal dry film thickness; <i>NDFT</i>                                 |                           | ■                         | ■                         |
| High & low limits; <i>definable audible &amp; visual alarms</i>         |                           | ■                         | ■                         |
| Number of readings above high limit;                                    |                           | ■                         | ■                         |
| Number of readings below low limit;                                     |                           | ■                         | ■                         |
| Live reading trend graph; <i>in Batch Mode</i>                          |                           | ■                         | ■                         |
| ElcoMaster® software & USB cable  | □                         | ■                         | ■                         |
| Replaceable screen protectors   | □                         | ■                         | ■                         |
| Protective case   | ■                         | ■                         | ■                         |
| Plastic transit case  | □                         | □                         | ■                         |
| Separate models; <i>with automatic probe recognition</i>                | ■                         | ■                         | ■                         |
| Probe type; <i>Ferrous (F), Non-Ferrous (N), Dual (FNF)<sup>5</sup></i> | F, N, FNF                 | F, N, FNF                 | F, N, FNF                 |
| Measurement range; <i>see page 7-16 for probe selection</i>             | 0 - 31mm<br>0 - 1,220mils | 0 - 31mm<br>0 - 1,220mils | 0 - 31mm<br>0 - 1,220mils |
| On screen calibration instructions; <i>in 30+ languages</i>             | ■                         | ■                         | ■                         |
| Multiple calibration methods  | ■                         | ■                         | ■                         |
| Factory; <i>resets to the factory calibration</i>                       | ■                         | ■                         | ■                         |
| 2-point; <i>for smooth and rough surfaces</i>                           | ■                         | ■                         | ■                         |
| 1-point; <i>zero calibration</i>  | ■                         | ■                         | ■                         |
| Zero offset <sup>6</sup> ; <i>for calibration according to ISO19840</i> | ■                         | ■                         | ■                         |
| Predefined calibration & measurement methods                            |                           | ■                         | ■                         |

<sup>1</sup> The Elcometer 456 is supplied with a 1 year warranty against manufacturing defects.

<sup>2</sup> Internet connection required

The warranty can be extended free of charge to 2 years within 60 days of purchase via [www.elcometer.com](http://www.elcometer.com).

<sup>3</sup> Visit [www.elcometer.com/sdk](http://www.elcometer.com/sdk) to find out how to integrate Elcometer's MFi certified products to your App.

<sup>4</sup> Elcometer Index Values are used in the automotive industry to assess a coating's overall quality; USA Patent Number US7606671B2

<sup>5</sup> FNF Patent Number USA: 5886522

<sup>6</sup> Zero Offset USA Patent Number US6243661

# Elcometer 456 Coating Thickness Gauge

## PRODUCT FEATURES

■ Standard □ Optional

|   | Model B | Model S | Model T |
|---|---------|---------|---------|
| Automatic calibration; <i>for rapid calibration</i>                       |         | ■       | ■       |
| Calibration memory type; <i>gauge (g) or gauge &amp; batch (gb)</i>       | g       | gb      | gb      |
| Number of batches; <i>with unique calibrations</i>                        |         | 1       | 2,500   |
| Calibration memories; <i>3 user-programmable memories</i>                 |         |         | ■       |
| Measurement outside calibration warning                                   |         |         | ■       |
| Calibration lock; <i>with optional PIN code unlock</i>                    | ■       | ■       | ■       |
| Delete last reading   | ■       | ■       | ■       |
| Gauge memory; <i>number of readings</i>                                   | Last 5  | 1,500   | 150,000 |
| Individual batch calibrations; <i>sent to PC via ElcoMaster® software</i> |         | ■       | ■       |
| Limits; <i>user definable audible &amp; visual pass/fail warnings</i>     |         | ■       | ■       |
| Gauge (g) or gauge & batch specific (gb) limits                           |         | g       | gb      |
| Date and time stamp   |         | ■       | ■       |
| Review, clear & delete batches  |         | ■       | ■       |
| Batch types; <i>normal, counted average, IMO PSPC</i>                     |         | ■       | ■       |
| Navsea Mode   |         |         | ■       |
| Batch review graph  |         |         | ■       |
| Copy batches and calibration settings                                     |         |         | ■       |
| Alpha-numeric batch names; <i>user definable on the gauge</i>             |         |         | ■       |
| Scan & Auto Repeat Modes; <i>with Scan Probe connected</i>                |         |         | ■       |
| Fixed Batch Size Mode; <i>with batch linking</i>                          |         |         | ■       |

## TECHNICAL SPECIFICATION

|   |   |                   |                  |                  |
|---|---|-------------------|------------------|------------------|
| Display Information   | 2.4" (6cm) QVGA colour TFT display, 320 x 240 pixels  |                   |                  |                  |
| Battery Type  | 2 x AA batteries, rechargeable batteries can also be used   |                   |                  |                  |
| Battery Life  | approximately 24 hours of continuous use at 1 reading per second*   |                   |                  |                  |
| Gauge Dimensions (h x w x d)  | 141 x 73 x 37mm (5.55 x 2.87 x 1.46")   |                   |                  |                  |
| Gauge Weight (including batteries supplied)   | 161g (5.68oz)   |                   |                  |                  |
| Operating Temperature   | -10 to 50°C (14 to 122°F)   |                   |                  |                  |
| Packing List  | Elcometer 456 coating thickness gauge, wrist harness, transit case (T), protective case (B, S, T), 1 x screen protector (S, T), 2 x AA batteries, operating instructions, USB cable (S, T), ElcoMaster® software (S, T) |                   |                  |                  |
| <b>Gauge Only</b>   | Certificate   | Model B           | Model S          | Model T          |
| Elcometer 456 Ferrous Gauge Only  | •   | A456CFBS          | A456CFSS         | A456CFTS         |
| Elcometer 456 Dual FNF Gauge Only   | •   | A456CFNFBFS       | A456CFNFSS       | A456CFNFTS       |
| <b>Gauge &amp; Probe</b>  |   |                   |                  |                  |
| Elcometer 456 Ferrous Gauge with Probe  |   | A456CFBS-F1S      | A456CFSS-F1S     | A456CFTS-F1S     |
| Elcometer 456 Dual FNF Gauge with Probe   |   | A456CFNFBFS-FNF1S | A456CFNFSS-FNF1S | A456CFNFTS-FNF1S |
| <b>Probe Only<sup>#</sup></b>   |   |                   |                  |                  |
| Standard Ferrous Probe: Range: 0 - 1500µm/0 - 60mils  |   |                   |                  | T456CF1S         |
| Standard Dual FNF Probe: Range: 0 - 1500µm/0 - 60mils   |   |                   |                  | T456CFNF1S       |
| Other probe ranges available, visit <a href="http://www.elcometer.com">www.elcometer.com</a> for more information |   |                   |                  |                  |

\*\*\* Using default settings & lithium batteries, alkaline or rechargeable batteries may differ

- Certificate supplied as standard



# Elcometer 311 Automotive Paint Meter

The **Elcometer 311** Automotive Paint Meter is the fastest automotive paint gauge on the market today, used to instantly measure paint thickness and provide an indication of the overall condition of paint work.

Automatic temperature compensation accurately measures in desert or alpine conditions alike

Fast reading rate of 60+ readings per minute significantly reduces inspection times

Dust & waterproof rugged design equivalent to IP64, ideal for measuring in wet or dry conditions

Automatic rotating display allows you to read the thickness value on horizontal & vertical surfaces

Large easy to read values in mils & microns

Ambient light sensor automatically adjusts the screen brightness to your lighting condition

Ergonomic design gives you maximum comfort when measuring vehicles all day

Switches instantly to measure coatings on steel & aluminium<sup>1</sup>

Scratch, solvent & water resistant colour display for protection against accidental damage



<sup>1</sup> Elcometer 311 FNF models

# Elcometer 311 Automotive Paint Meter

## Statistics<sup>4</sup>

The Elcometer 311 doesn't just take a thickness measurement

In addition to the paint thickness, the new Elcometer 311 Paint Meter displays the key statistical values used to assess the overall condition of the paint work; number of readings (n), average coating thickness ( $\bar{x}$ ), the lowest paint thickness (Lo) and the Elcometer Index Value (EIV)<sup>2</sup>.



Large display easy to read

## Powerful

The higher the EIV the more severe the PPW

The Elcometer Index Value (EIV) provides the inspector with a single number which illustrates the vehicle's overall paint condition and establishes any previous paint work (PPW) which has been undertaken. This quantifiable number determines the extent of rework & the overall quality of the vehicle being appraised.



Durable & impact resistant case clips straight onto your belt

## Reliable

This gives you the reassurance you need

Robust, durable & weather resistant, the Elcometer 311 is available with a 2 year<sup>3</sup> manufacturer's warranty; giving you a peace of mind.



360° auto rotating display for measuring at any angle

## Wireless Connectivity<sup>4</sup>

Seamlessly connect to any PC, Android™ or iOS mobile device

As each measurement is taken, the Elcometer 311 Automotive Paint Meter can transmit the thickness value via Bluetooth® either straight into your inspection application or into ElcoMaster®, Elcometer's mobile app, for instant report generation.



USB and Bluetooth® data output to iPhone or Android™ devices

<sup>1</sup> Elcometer 311 FNF models    <sup>2</sup> Patent Number US 7,606,671 B2

<sup>3</sup> Elcometer 311 gauges are supplied with a one year warranty against manufacturing defects. The warranty can be extended to two years through [www.elcometer.com](http://www.elcometer.com).

<sup>4</sup> Available on the Elcometer 311 Model T only

<sup>5</sup> Compatible with iPod, iPhone and iPad.

# Elcometer 311 Automotive Paint Meter

## TECHNICAL SPECIFICATION

| Model                                      | Model B  | Model B                 | Model T                                    | Certificate |
|--|--|-------------------------|--|-------------|
| Part Number                                | A311CFBI   | A311CFNFBI              | A311CFNFTI                                 | ●           |
| Built in probe type                        | Steel (F)  | Steel & Aluminium (FNF) | Steel & Aluminium (FNF)                    |             |
| Wireless Data output via Bluetooth® or USB |  |                         | ■  |             |
| Zero Calibration                           | ■  | ■                       | ■  |             |
| On screen statistics                       | Number of readings (n), Average (mean $\bar{x}$ ), Lowest reading (Lo), Elcometer Index Value (EIV) <sup>1</sup>   |                         |  |             |
| Measuring speed                            | More than 60 readings/min  | Measurement Range       | 0-500µm (0-20mils)                         |             |
| Accuracy <sup>2</sup>                      | ±5% or ±20µm (1.0mil)  |                         |  |             |
| Resolution                                 | 10µm (0.5mil)  |                         |  |             |
| Minimum Substrate Thickness <sup>3</sup>   | Steel: 800µm (30mils)  |                         | Aluminum: 300µm (12mils) - FNF gauges only |             |
| Operating Temperature                      | -10 to 50°C (14 to 122°F)  |                         | Relative Humidity (RH)                     | 0 to 95%    |
| Power Supply                               | 2 x AA Batteries or via USB (rechargeable batteries can also be used)  |                         |  |             |
| Battery Life <sup>4</sup>                  | Alkaline: approximately 16 hours Lithium: approximately 24 hours   |                         |  |             |
| Gauge Dimensions ( <i>h x w x d</i> )      | 14.1 x 7.30 x 3.70cm (5.55 x 2.87 x 1.46")   |                         |  |             |
| Gauge Weight                               | 156g (5.5oz) (including batteries)   |                         |  |             |
| Packing List                               | Elcometer 311 gauge, 2 x AA batteries, steel & aluminium <sup>5</sup> check pieces, calibration check foil, wrist strap, impact resistant carry case, calibration test certificate, operating instructions, 2 year <sup>6</sup> warranty extension card. |                         |  |             |

## ACCESSORIES

| Part Number  | Description  |
|--------------|--|
| T99916925    | Calibration Check Piece; Steel (Ferrous) T99921325 USB Cable |
| T99916901    | Calibration Check Piece; Aluminum (Non-Ferrous)              |
| T99022570-7A | Calibration Check Foil; Nominal value 125µm (5mils)          |

## Elcometer Index Value (EIV)

The Elcometer Index Value (EIV) provides the inspector with a unique number that illustrates the overall paint condition of a vehicle and establishes any Pre-Paint Work (PPW) that has been performed. This number determines the degree of additional repair and the overall quality of the evaluated vehicle.

<sup>1</sup> Patent Number US 7,606,671 B2    <sup>2</sup> Whichever is the greater    <sup>3</sup> For specified accuracy    <sup>4</sup> Rechargeable batteries may differ  
<sup>5</sup> F models: Steel Check Piece FNF models: Steel & Aluminium Check Pieces    <sup>6</sup> Elcometer 311 gauges are supplied with a one year warranty against manufacturing defects. The warranty can be extended to two years through [www.elcometer.com](http://www.elcometer.com).  
 • Calibration test certificate supplied as standard



# Elcometer PTG Precision Thickness Gauge

The **Elcometer PTG** range allows you to accurately measure with precision, material thickness on virtually any material including plastic thickness and paint & plastic thickness.

User selectable measurement rate of 4, 8, 16Hz (4, 8, 16 readings per second)

Options 2-point calibration, 1 point, material, velocity, defined and factory thickness that allow accurate measurement of a wide range of materials

Intelligent connected transducer with automatic recognition that ensures correct sonar is identified when changing transducer

The Elcometer PTG8 is supplied with or without right angle single element thickness transducer Microdot 15MHz 1/4"

(Availability of a wide range of transducers)



High and low limit indicators (Hi and Lo) provide information on problem areas

Save in memory until three calibration methods

16Hz scan mode, ideal to measure a large area

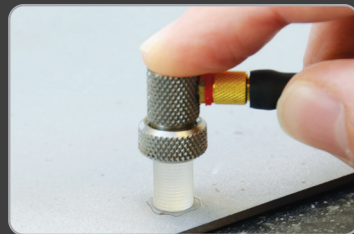


# Elcometer PTG Precision Thickness Gauge

## Precise

Measures thin materials with great precision

The Elcometer PTG, flexible and easy to use, have a measurement range from 0.15mm (0.006") to 25.40mm (1.00") with a precision of  $\pm 1\%$  in the three measurement modes: Interface Echo (IE), Echo-Echo (EE) & Plastic Mode (PLAS).



Precision of  $\pm 1\%$  in the three measurement modes

## Customizable

Choose and customize your display screen

The Elcometer PTG range has a number of display modes to choose from that allow the user to select the one best suited to their needs: readings, selected statistics, bar graph, sequence graph, or differential mode.



Customizable reading screen

## Powerful

Store each measurement for further analysis

Up to 100,000 readings can be saved in the gauge's memory as each measurement is taken, which can later be downloaded to an inspection application or ElcoMaster® for additional analysis or reporting.



Stores up to 100,000 readings in up to 1,000 sequential or grid batches

## Wireless Connectivity

Seamlessly connect to any PC, Android™ or iOS mobile device

Compatible with ElcoMaster®, PC & Mobile Apps, readings can be downloaded via USB or Bluetooth® to PC, iOS or Android™ devices for further analysis and reporting.



Connect the gauge to a mobile device via Bluetooth® or USB

STANDARDS:

EN 14127, EN 15317

# Elcometer PTG Precision Thickness Gauge

## Measurement mode

**Interface Echo (IE);** The total thickness from the top of any coating through to the material density boundary (typically the back-wall) is measured. Suitable for measurement of materials between 1.65mm and 25.4mm (0.065" to 1") thick.

**Echo-Echo (EE);** Ideal for measuring thin materials, the material thickness from the top surface of the material to the material density boundary (typically the back-wall). Suitable for measurement of materials between 0.15mm and 10.15mm (0.006" to 0.4") thick.

**Plastic mode (PLAS);** Specially used for measuring very thin plastics between 0.15mm and 5mm (0.006" to 0.197") thick. A graphite delay line is required when using this mode.



## Upper and Lower Limits Definables by User

The PTG has user definable upper and lower limits with audible and visual pass/fail warnings. The PTG8 can store up to 40 preprogrammed limits that can be set for individual readings or for each batch.

If a measurement is taken which falls outside set limits, reading value and limit icon turn red, the red LED flashes and alarm sounds to immediately indicate problem areas.

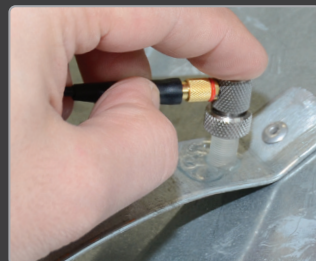


## Calibration options

The PTG has a number of calibration options: 1-Point, 2-Points and Speed. Alternatively, the user can select one of 39 pre-set materials stored within the gauge including; aluminium, steel, stainless steel, cast iron, plexiglass, PVC, polystyrene and polyurethane.

The PTG8 allows users to store into memory up to three calibrations. Once saved the user can select a calibration without the need to re-calibrate the gauge, ideal for users who are measuring a variety of materials or thicknesses.

Using the gauge's alpha-numeric function, calibration memories can be re-named to suit the calibration setting.





# Elcometer PTG Precision Thickness Gauge

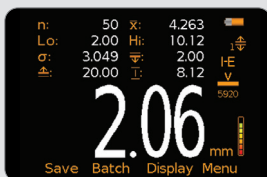
## Range of display modes

### Readings



The reading value is displayed.

### Selected Statistics



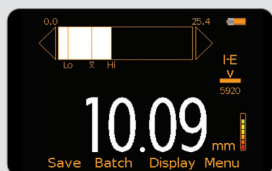
Up to 8 statistical values can be displayed as defined by the user.

### Run chart



A line trend graph of the last 20 measurements which is updated automatically after each reading.

### Bar Graph



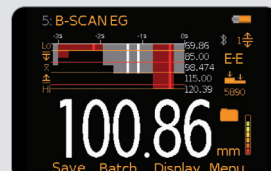
An analogue representation of the current measurement value together with the highest (Hi), lowest (Lo) an average ( $\bar{x}$ ) reading. The graph is updated automatically when each reading is taken.

### Reading & Differential



The last reading is displayed together with the variation from the nominal value set (if set and enabled).

### B-Scan



Provides a time-based, cross-sectional view of the material being tested. Readings taken, saved reading, the highest (Hi), lowest (Lo) and average ( $\bar{x}$ ) reading together with upper and/or lower limit values (if set and enabled) are displayed.

To view a range of transducers to suit your specific application, visit [ndt.elcometer.com](http://ndt.elcometer.com)



# Elcometer PTG Precision Thickness Gauge

## TECHNICAL SPECIFICATION

| Part Number   | PTG6                    | PTG8                    |
|---|-------------------------|-------------------------|
| Easy to use menu structure in multiple languages                | ■                       | ■                       |
| Tough, impact, waterproof and dust resistant equivalent to IP54 | ■                       | ■                       |
| Bright colour screen with permanent backlight                   | ■                       | ■                       |
| Ambient light sensor, with adjustable brightness                | ■                       | ■                       |
| Scratch and solvent resistant display; 2.4" (6cm) TFT           | ■                       | ■                       |
| Large positive feedback buttons    USB power supply via PC      | ■                       | ■                       |
| Gauge software updates <sup>1</sup> via ElcoMaster® software    | ■                       | ■                       |
| 2 year gauge warranty <sup>2</sup>                              | ■                       | ■                       |
| Limits: 40 definable audible & visual pass/fail warnings        |                         | ■                       |
| <b>Measurement mode</b>   |                         |                         |
| Echo - Echo (EE)  | ■                       | ■                       |
| Interface Echo (IE)   | ■                       | ■                       |
| Plastic Mode (PLAS)   | ■                       | ■                       |
| <b>Measurement Rate</b>   |                         |                         |
| 4, 8, 16Hz  | 4, 8, 16Hz <sup>3</sup> | 4, 8, 16Hz <sup>3</sup> |
| <b>Thickness Range<sup>4</sup></b>                              |                         |                         |
| EE: 0.15 - 10.15mm (0.006-0.400")                               | ■                       | ■                       |
| IE: 1.65 - 25.40mm (0.065-1.000")                               | ■                       | ■                       |
| PLAS: 0.15 - 5.00mm (0.006-0.197")                              | ■                       | ■                       |
| <b>Measurement Units</b>  |                         |                         |
| mm or inches  | ■                       | ■                       |
| m/s, inch/μs  |                         |                         |
| Repeatability / Stability Indicator                             | ■                       | ■                       |
| <b>Display Mode</b>   |                         |                         |
| Reading   | ■                       | ■                       |
| Selected statistics   |                         | ■                       |
| Scan thickness bar graph  |                         | ■                       |
| Run Chart   |                         | ■                       |
| Readings and Differential                                       |                         | ■                       |
| B-Scan cross sectional display                                  |                         | ■                       |
| <b>Selectable Reading Resolution</b>                            |                         |                         |
| 0.1mm, 0.01 inch, 10m/s, or 0.001in/μs                          | ■                       | ■                       |
| 0.1mm, 0.01 inch, 10m/s, or 0.001in/μs                          | ■                       | ■                       |

<sup>1</sup> Internet connection required

<sup>2</sup> The Elcometer PTG range is extendable within 60 days from date of purchase, free of charge to two years via [www.elcometer.com](http://www.elcometer.com)

<sup>3</sup> User selectable default setting in scan mode is 16Hz (only PTG8)

<sup>4</sup> Dependent on the material being measured and the transducer being used

# Elcometer PTG Precision Thickness Gauge

## TECHNICAL SPECIFICATION

| Part Number  | PTG6 | PTG8    |
|--|------|---------|
| <b>Statistics</b>  |      |         |
| Number of readings,n; Mean average, $\bar{x}$ ; Standard deviation, $\sigma$ . |      | ■       |
| Lowest reading, Lo; Highest reading, Hi  |      | ■       |
| Low / high limit value   |      | ■       |
| Reading Range Value  |      | ■       |
| Nominal Value  |      | ■       |
| Number of readings below low limit   |      | ■       |
| Number of readings above high limit  |      | ■       |
| <b>Calibration Options</b>   |      |         |
| Zero (using the built-in zero disk)  | ■    | ■       |
| 1 - point  | ■    | ■       |
| 2 - point  | ■    | ■       |
| Material selection; 39 preset materials  | ■    | ■       |
| Factory; resets to the factory calibration                                     | ■    | ■       |
| Velocity (speed of sound)  | ■    | ■       |
| Known thickness value  |      |         |
| <b>Calibration Features</b>  |      |         |
| Calibration lock; with optional PIN Lock                                       | ■    | ■       |
| Test calibration feature   | ■    | ■       |
| Calibration memories: 3 programmable memories                                  |      | ■       |
| Measurement outside calibration warning  |      | ■       |
| <b>Data Logging</b>  |      |         |
| Number of readings   |      | 100,000 |
| Number of batches  |      | 1,000   |
| Sequential batching  |      | ■       |
| Grid batching  |      | ■       |
| Fixed batch size mode; with batch linking                                      |      | ■       |
| Obstruct entry; add 'obst' into grid location                                  |      | ■       |
| Delete last reading  |      | ■       |
| Date & time stamp  |      | ■       |
| Review, clear & delete batches   |      | ■       |
| Alpha numeric batch names; user definable                                      |      | ■       |
| Batch review graph   |      | ■       |
| <b>Data Output</b>   |      |         |
| USB to PC  | ■    | ■       |
| Bluetooth® to PC, Android™ & iOS devices                                       |      | ■       |
| ElcoMaster® Software   | ■    | ■       |
| <b>Transducer Probe Type</b>   |      |         |
| Single element   | ■    | ■       |
| <b>Auto transducer recognition</b>   | ■    | ■       |



# Elcometer PTG Precision Thickness Gauge

## TECHNICAL SPECIFICATION

| Part Number<br>(gauge only) | Description  | Certificate    |
|-----------------------------|--|----------------|
| PTG6                        | Elcometer PTG6 Ultrasonic Precision Thickness Gauge  | ◇              |
| PTG6-TXC                    | Elcometer PTG6 Ultrasonic Precision Thickness Gauge with 15MHz ¼" right angle single element transducer    |                |
| PTG8BDL                     | Elcometer PTG8BDL Ultrasonic Precision Thickness Gauge   | ● <sup>3</sup> |
| PTG8BDL-TXC                 | Elcometer PTG8BDL Ultrasonic Precision Thickness Gauge with 15MHz ¼" right angle single element transducer | ● <sup>3</sup> |

## TECHNICAL SPECIFICATION

| Model                                | PTG6   | PTG8  |
|--------------------------------------|--|---|
| <b>Measurement range<sup>1</sup></b> |  |   |
| Interface Echo (IE)                  | 1.65 - 25.40mm<br>(0.065 - 1.00")  |   |
| Echo - Echo (EE)                     | 1.65 - 25.40mm<br>(0.065 - 1.00")  |   |
| Plastic Mode (PLAS)                  | 1.65 - 25.40mm<br>(0.065 - 1.00")  |   |
| <b>Accuracy<sup>2</sup></b>          |  |   |
| Interface Echo (IE)                  | ±0.015mm (1.65-2.99mm)<br>±0.5% (3.00-25.4mm)  | ±0.0006" (0.065 0.117")<br>±0.5% (0.118-1.000") |
| Plastic Mode (PLAS)                  | ±0.015mm (0.15-2.99mm)<br>±0.5% (3.00-5.00mm)  | ±0.0006" (0.006-0.117")<br>±0.5% (0.118-0.197") |
| Operating Temperature                | -10 to 50°C (14 to 122°F)  |   |
| Battery Type                         | 2 x AA   |   |
| Battery Life <sup>3</sup>            | Alkalines: Approximately 15 hours    Lithium: Approximately 28 hours   |   |
| Weight                               | 210g (7.4oz) - including batteries, without transducer   |   |
| Size (W x H x D)                     | 145 x 73 x 37mm (5.7 x 2.87 x 1.46") - without transducer  |   |
| Packing List                         | Elcometer PTG6 Ultrasonic Precision Thickness Gauge, 15MHz transducer (only PTG6-TXC), couplant, 3 x screen protector, wrist harness, 2 x AA batteries, protective case, calibration certificate, two year warranty extension card, operating instructions                                     |   |
|                                      | Elcometer PTG8 Ultrasonic Precision Thickness Gauge, 15MHz transducer (only PTG8BDL-TXC), couplant, 3 x screen protector, wrist harness, 2 x AA batteries, protective case, calibration certificate, USB cable, ElcoMaster® software, two year warranty extension card, operating instructions |   |

<sup>1</sup> Dependent on the material being measured and the transducer being used

<sup>2</sup> On steel


<sup>3</sup> Supplied with Alkaline, Lithium and rechargeable can be used with the gauges, continuous use at 1 reading per second

# Elcometer PTG Precision Thickness Gauge

When accuracy is the solution, the range of precision transducers Elcometer allows users to measure accurately.



## TECHNICAL SPECIFICATION

| Disk   | Part Number | Probe diameter | Probe characteristic | Damping | ThruPaint™ | Type of connector        |          | Suitable for measuring |          |               |            |                 |       |       |          |          |      | Suitable for |  |
|--|-------------|----------------|----------------------|---------|------------|--------------------------|----------|------------------------|----------|---------------|------------|-----------------|-------|-------|----------|----------|------|--------------|--|
|  |             |                |                      |         |            | Encapsulated Right Angle | Microdot | Iron foundry           | Plastics | Thin plastics | Fiberglass | Thin Fiberglass | Steel | Glass | Aluminum | Titanium | PTG6 | PTG8         |  |
| 15,0MHz Single element Transducer  |             |                |                      |         |            |                          |          |                        |          |               |            |                 |       |       |          |          |      |              |  |
|  | TXC15M0CM   | ¼"             | Right angle          | S       |            |                          | •        |                        |          | •             |            |                 | •     |       | •        | •        | •    |              |  |
| 20,0MHz Single element Transducer  |             |                |                      |         |            |                          |          |                        |          |               |            |                 |       |       |          |          |      |              |  |
|  | TXC20M0CM   | ¼"             | Right angle          | S       |            |                          | •        |                        |          | •             |            |                 | •     |       | •        | •        | •    |              |  |

## DELAY LINES

Each single element transducer is supplied complete with 9mm and 12mm acrylic delay lines suitable for measuring on steel, aluminium and titanium. If measuring on thin plastics using Plastic Mode (PLAS), a graphite delay line must be used. These can be purchased as optional accessories.

| Part Number | Description                       |
|-------------|-----------------------------------|
| T92016528   | Acrylic Delay Line; ¼ Dia. x 9mm  |
| T92016529   | Acrylic Delay Line; ¼ Dia. x 12mm |
| T92023853-4 | Graphite Delay Line; ¼ Dia. x ¾"  |

Visit [ndt.elcometer.com](http://ndt.elcometer.com) for the full range of Elcometer transducers

# Elcometer 480 Glossmeters

The **Elcometer 480 Glossmeter** range are easy to use glossmeters which combine high accuracy, repeatability and reproducibility with functionality making them the most advanced gloss meters on the market today.

Multiple angles; 20°, 60°, 85° and differential mode with pass/fail

Display readings, statistics, graphs & batch review

Small, robust & ergonomic

Standard, auto repeat and scan modes and 40 user definable limit standards

Auto calibration tile recognition via RFID<sup>1</sup>

3 - 10 readings per second, with 40,000 reading memory in up to 2,500 batches

Date and time stamped readings

USB & Bluetooth® data output to PC, iOS or Android™ mobile device



**2 YEARS\***  
WARRANTY

\* Elcometer 480 are supplied with a one year warranty against manufacturing defects. The warranty can be extended to two years through [www.elcometer.com](http://www.elcometer.com).

<sup>1</sup> Radio frequency identification; European patent number: 2906904



# Elcometer 480 Glossmeters

## Model Range

The Elcometer 480 Glossmeter is available as either a simple entry level 60° glossmeter or state of the art Single, Dual or Triple angle gloss meter variants.



Availability of a range of models: single, double and triple

## Memory and Batching

Store 40,000 date and timed stamped readings in up to 2,500 user definable alpha-numeric batches.

## Display Modes

Fully customisable, scratch and solvent resistant colour LCD allows the user to display: Gloss, % Reflectance or Haze measurements, Statistics, Readings and Differential with pass/fail, Trend Graph and Analogue Scan Bar.



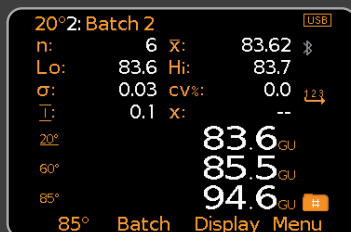
Save up to 40,000 readings in up to 2,500 batches

## Accuracy & Repeatability

Advanced electronics and a superior optical design combines highly accurate, repeatable and reproducible measurements with industry leading inter-instrument agreement.

## Wireless Connectivity

As each measurement is taken the Elcometer 480 instantly transmits the thickness values via USB or Bluetooth®3 to your PC or mobile device using ElcoMaster® or your own software application.



Multiple display options and measurement modes

| Range           | 0-10GU | 10-100GU | 100-2.000GU |
|-----------------|--------|----------|-------------|
| Repeatability   | ±0,1GU | ±0,2GU   | ±0,2%       |
| Reproducibility | ±0,2GU | ±0,5GU   | ±0,5%       |

### STANDARDS:

AS/NZS 1580.602.2, ASTM C584, ASTM D523, ASTM D1455, ASTM D2457, ASTM D4039, ASTM E430, ASTM E2387, BS 3900 D5, DIN 67530, ECCA T2, EN 12373-11, EN 13523-2, ISO 7668, ISO 2813, ISO 13803, JIS K 5600-4-7, JIS Z 8741, TAPPI T 653 (20°)





# Elcometer 480 Glossmeters

## Measuring modes

### Standard, Auto Repeat & Scan Modes

No two inspections are the same. It is for this reason that the Elcometer 480 Glossmeter is equipped with three gloss measurement modes:

**Standard Mode:** Press the measure button to take an individual spot gloss measurement.

**Auto Repeat Mode:** When the glossmeter is slid over the surface a measurement of all three angles is automatically taken at a user definable rate between 10 - 180 readings per minute. When enabled all the individual readings are stored into memory.

**Scan Mode:** As the glossmeter slides over the entire surface area, the gauge measures all three gloss angles at a continuous rate of 10 readings per second. When stopped, the glossmeter displays and stores the average, highest and lowest gloss values - ideal for checking a sample's overall uniformity.



## Limit Standards and Differential Mode with Pass/Fail

When visual appearance is critical Master Standards are created. These are generated and approved by the customer and then used by manufacturers as part of their quality control inspection regime. As these Master Standards have been visually approved they often do not have numerical gloss values assigned.

In order to avoid subjectivity between inspectors, the Elcometer 480 Glossmeter can automatically generate and store the nominal (target), highest & lowest acceptable gloss values (limits) from the Master Standard.

Up to 40 Limits for each customer's Master Standards can be stored within, and recalled from, the gauge's 'Limit Standards' memory.

When Limit Standards are used in combination with the gauge's Differential Mode, the Elcometer 480 Gloss Meter displays the measurement value together with the difference from the nominal (target) value.

Readings outside the Limit Standards are displayed in red, providing quick Pass/Fail analysis.

Due to the Elcometer 480 Glossmeters industry leading inter-instrument agreement, once a Master Standard Limit has been created, the gauge can transfer these values to other Elcometer 480 glossmeters, via the ElcoMaster® Software's Library of Limit Standards, at any time.

Information from multiple glossmeters can be combined into a single inspection report within ElcoMaster® Software, ideal for multiple production and assembly lines.



# Elcometer 480 Glossmeters

## TECHNICAL SPECIFICATION



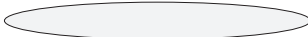
■ Standard □ Optional

| Part Number  | Model B | Model T                  |
|--|---------|--------------------------|
| Measurement geometries   | 60°     | 60°, 20/60° o 20/60/85** |
| Measurement units  | GU      | GU, HU <sup>1</sup> & %  |
| Fast, accurate reading rate  | ■       | ■                        |
| Repeatable & reproducible measurements   | ■       | ■                        |
| Easy to use menu structure; <i>in 30+ languages</i>  | ■       | ■                        |
| Tough, impact, waterproof & dust resistant   | ■       | ■                        |
| Scratch & solvent resistant colour display; 2.4" (6cm) TFT                                 | ■       | ■                        |
| Rotating display: <i>auto, 0°, 180°</i>  | ■       | ■                        |
| Ambient light sensor; <i>with adjustable auto brightness</i>                               | ■       | ■                        |
| <b>Data output</b>   |         |                          |
| USB live readings  | ■       | ■                        |
| USB batch download   |         | ■                        |
| Bluetooth®: <i>to PC, iOS or Android™ mobile devices</i>                                   |         | ■                        |
| USB & battery powered  | ■       | ■                        |
| Calibration Certificate  | ■       | ■                        |
| Manual gauge calibration   | ■       | ■                        |
| Auto gauge calibration; <i>via RFID tagging of integrated calibration tile<sup>2</sup></i> |         | ■                        |
| <b>On screen statistics- user selectable</b>   |         |                          |
| Number of readings, Mean (average), Standard deviation                                     | ■       | ■                        |
| Highest reading, Lowest reading, Range   |         | ■                        |
| Coefficient of variation   |         | ■                        |
| Nominal value, High Limit value, Low Limit value   |         | ■                        |
| Number above high limit, Number below low limit  |         | ■                        |
| <b>Measurement modes</b>   |         |                          |
| Standard Mode  | ■       | ■                        |
| Auto Repeat Mode; <i>programmable 10-180 readings per minute</i>                           |         | ■                        |
| Scan Mode; <i>10 readings per second</i>   |         | ■                        |
| Differential Mode with Pass/ Fail mode   |         | ■                        |
| Limit Standards; <i>up to 40 programmable standards</i>                                    |         | ■                        |
| Gauge & batch specific standard limits   |         | ■                        |
| Gauge memory 40,000 readings in up to 2,500 batches  |         | ■                        |
| Alpha-numeric batch names  |         | ■                        |
| Fixed batch size mode  |         | ■                        |
| Date and time stamp  |         | ■                        |
| Gauge auto diagnostics   | ■       | ■                        |
| <b>Display modes; user selectable</b>  |         |                          |
| Readings; gloss, % reflectance <sup>1</sup> , haze <sup>1</sup>                            | ■       | ■                        |
| Selected statistics  | ■       | ■                        |
| Live trend graph; <i>last 20 readings</i>  |         | ■                        |
| Scan bar   |         | ■                        |
| Readings & differential (with pass/fail)   |         | ■                        |
| Delete last reading  | ■       | ■                        |
| 2 year extended warranty <sup>3</sup>  | ■       | ■                        |

\* Dependant on model    <sup>1</sup> Haze on Dual and Triple models only    <sup>2</sup> Radio frequency identification; European patent number: 2906904

<sup>3</sup> Elcometer 480 Glossmeter are supplied with a one year warranty against manufacturing defects. The warranty can be extended to two years free of charge within 60 days after purchase through [www.elcometer.com](http://www.elcometer.com).

# Elcometer 480 Glossmeters

| Part Number            | Description   |  |   | Certificate |
|------------------------|---|--|---|-------------|
| J480B- 6               | Elcometer 480 Model B 60° Glossmeter  |  |   | ●           |
| J480T-6                | Elcometer 480 Model T 60° Glossmeter  |  |   | ●           |
| J480T-26               | Elcometer 480 Model T 20/60° Glossmeter   |  |   | ●           |
| J480T-268              | Elcometer 480 Model T 20/60/85° Glossmeter  |  |   | ●           |
| Display information    | 2.4'' (6cm) QVGA colour TFT display, 320 x 240 pixels   |  |   |             |
| Power                  | USB (via PC) or 2 x AA batteries (~50,000 readings)   |  |   |             |
|                        | 20°   | 60°  | 85°   |             |
| Measurement Dimensions | <br>20°: 10 x 10mm   | <br>60°: 8 x 16mm | <br>85°: 4 x 55mm |             |
| Measurement Range      | 0 - 2.000GU   | 0 - 1.000GU  | 0 - 160GU   |             |
| Repeatability          | ± 0,1GU (0 - 10GU); ±0,2GU (10 - 100GU); ±0,2%: 100 - 2.000GU   |  |   |             |
| Reproducibility        | ± 0,2GU (0 - 10GU); ±0,5GU (10 - 100GU); ±0,5% 100 - 2.000GU  |  |   |             |
| Resolution             | Gloss: 0.1 GU (0 - 100GU); 1 GU (>100GU)  |  |   |             |
|                        | % Reflectance: 0.01% (0 - 10%); 0.1% (10 - 100%)  |  |   |             |
|                        | Haze: 0.1 HU (0 - 100HU); 1 HU (>100HU)   |  |   |             |
| Operating Temperature  | ± 0,2GU (0 - 10GU); ±0,5GU (10 - 100GU); ±0,5% 100 - 2.000GU  |  |   |             |
| Dimensions (H x W x D) | 68 x 155 x 50mm (2.68 x 6.10 x 1.97'')  |  |   |             |
| Weight                 | 534 g (1 lb 3 oz) [including batteries]   |  |   |             |
| Packing List           | Elcometer 480 Glossmeter, integrated calibration tile, calibration certificates for gauge & calibration tile, 2 x AA batteries, wrist strap, operating instructions, plastic carry case, ElcoMaster® software (Model T) and USB cable (Model T) |  |   |             |

## ACCESSORIES

| Part Number   | Description   |                               |   |
|---------------|---|-------------------------------|---|
| T48024798-LC  | Low Gloss Calibration Tile                                  | Nominal Value: 22GU at 60°    | ● |
| T48024798-MDC | Mid Gloss Calibration Tile                                  | Nominal Value: 55GU at 60°    | ● |
| T48024798-HC  | High Gloss Calibration Tile*                                | Nominal Value: 97GU at 60°    | ● |
| T48024798-MRC | Mirror Gloss Calibration Tile                               | Nominal Value: 1,900GU at 20° | ● |
| T48024798-SH  | Soft Material Specimen Holder, complete with 3 sample trays |                               |   |
| T48025004     | Soft Material Sample Trays (x3)                             |                               |   |
| T99923535     | Gloss Tile Cleaning Cloth                                   |                               |   |
| T99925002     | USB Cable   |                               |   |



Each calibration tile is supplied in its own unit to ensure measurement accuracy and repeatability.



The soft material specimen holder is supplied with 3 sample trays, ideal for testing soft, powdery or viscous materials.



● Certificate supplied as standard

\* Supplied with gauge

# Understanding Gloss Measurement

Gloss is measured by directing a constant intensity light beam, at a fixed angle, on to the test surface and then monitoring the amount of reflected light from the same angle. This specular reflectance is measured using a glossmeter. Different surfaces require different reflective angles:

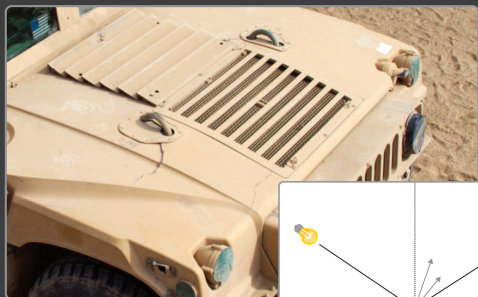
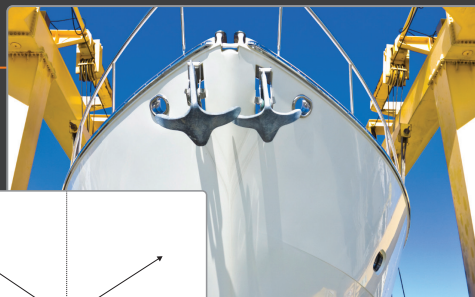
## Gloss Measurement

Gloss measurement is based on the amount of light reflected on the surface relative to a polished glass reference standard, measured in Gloss Units (GU).

The amount of light that is reflected on the surface is dependent upon the angle of incidence and the properties of the surface.

### High Gloss

- Surfaces with a brilliant or highly polished finish reflect images clearly.
- This distinct reflection is caused by the incident light reflecting on the surface in a specular direction.



### Semi & Matt Gloss

- Semi and matt surfaces reflect images less distinctly and with reduced intensity.
- On semi or matt surfaces light not only reflects in a specular direction but also is scattered causing the reflected image to appear diffused.

## Results

Gloss is measured in Gloss Units (GU).

If the result is between 10 - 70GU, the coating is termed 'semi-gloss' and should be measured using the 60° angle. If the result is less than 10GU, the product is 'low gloss' and should be measured using the 85° angle and if it is greater than 70GU, the product is known as 'high gloss' and should be measured using the 20° angle.



# Elcometer 2351 Viscosity Flow Cup

The Viscosity Flow Cups are very easy to use instruments made of anodized aluminium with a stainless steel orifice, for measuring the consistency of paints, varnishes and similar products. The measured kinematic viscosity is generally expressed in seconds(s) flow time. If the Standards stipulate conversion methods the flow time can be converted into Centistokes (cSt) using the Elcometer ElcoCalc™ Mobile Apps.

Calibration certificates which offer traceability and assurance that each viscosity cup has been individually tested and comply to Standards are also available.

The cups can be supplied separately or with an adjustable stand which includes a precision level and an overflow glass draw plate. They can also be supplied with a flow jacket for temperature control (thermojacket).

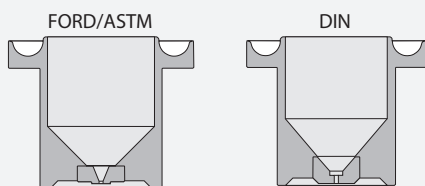


## STANDARDS:

**FORD/ASTM:** ASTM D 1200, D 5125

# Elcometer 2350 Viscosity Flow Cup

## Viscosity Flow Cups - Cup Design



## STANDARDS:

**DIN:** DIN 53211 (cup 4)

## TECHNICAL SPECIFICATION

### FORD/ASTM Viscosity Flow Cups

| Part Number   | Description                                   | Orifice Diameter | Range <sup>1</sup> (cSt) | Certificate    |
|---------------|---|------------------|--------------------------|----------------|
| K0002351M004  | Elcometer 2351/4 FORD/ASTM Viscosity Flow Cup | 4.12mm           | 70 - 370                 | ◇              |
| K0002351M004C | Elcometer 2351/4 with calibration certificate | 4.12mm           | 70 - 370                 | ● <sup>2</sup> |

### DIN Viscosity Flow Cups

| Part Number   | Description                                   | Orifice Diameter | Range <sup>1</sup> (cSt) | Certificate    |
|---------------|---|------------------|--------------------------|----------------|
| K0002351M004  | Elcometer 2350/2 DIN Viscosity Flow Cup       | 4mm              | 96 - 683                 | ◇              |
| K0002350M002C | Elcometer 2350/2 with calibration certificate | 4mm              | 96 - 683                 | ● <sup>2</sup> |

<sup>1</sup> For information only

<sup>2</sup> Efflux Time Certificate

● Calibration Certificate supplied as standard

◇ Batch Calibration Certificate supplied as standard

# Elcometer 2435 & 2434 Frikmar Viscosity Dip Cups

Thanks to its handle, the Elcometer Frikmar Viscosity Dip Cup is very easy to use to perform viscosity checks on site or during the manufacturing process. It is ideal for measuring the consistency of paints, varnishes and other similar products.

Simply dip the cup into the product to be measured, lift it out and measure how long it takes for the contents to empty through the orifice.

The measured kinematic viscosity is generally expressed in seconds (s) flow time, which can be converted to Centistokes (cSt) if the Standard stipulates a conversion method.

Several ranges are available, according to the Standards being used; from 7 to 1100cSt.

## STANDARDS:

DIN: DIN 53211 (cup 4) FORD/ASTM: ASTM D 1200, D 5125



## TECHNICAL SPECIFICATION

### FORD/ASTM Viscosity Dip Cups

| Part Number   | Description                                   | Orifice Diameter | Range <sup>1</sup> (cSt) | Certificate    |
|---------------|---|------------------|--------------------------|----------------|
| K0002435M001  | Elcometer 2435/1 FORD/ASTM Dip Cup            | 4.12mm           | 70 - 370                 | ◇              |
| K0002435M001C | Elcometer 2435/1 with calibration certificate | 4.12mm           | 70 - 370                 | ● <sup>2</sup> |

### DIN Viscosity Dip Cups

| Part Number   | Description                                   | Orifice Diameter | Range <sup>1</sup> (cSt) | Certificate    |
|---------------|---|------------------|--------------------------|----------------|
| K0002351M004  | Elcometer 2434/2 DIN Dip Cup                  | 4mm              | 96 - 683                 | ◇              |
| K0002350M002C | Elcometer 2434/2 with calibration certificate | 4mm              | 96 - 683                 | ● <sup>2</sup> |

## Sagola Ford 4 Polyamide Viscosity Dip Cup

Immersion Cup, made of polyamide (solvent resistant) with metal outlet hole (brass).

Economical Ford 4 Cup for quick checking of paint viscosity in industrial painting processes, before putting paint into spray gun or paint equipment. Also valid for verification and correction of the viscosity when the application process times in painting large surfaces are lengthened.



STANDARDS: FORD: ASTM D 1200-24, ASTM D 1200-94

## TECHNICAL SPECIFICATION

### FORD/ASTM Viscosity Dip Cups

| Part Number | Description                        | Orifice Diameter | Operating temperature |
|-------------|------------------------------------|------------------|-----------------------|
| PT56418001  | Sagola Ford No 4 Viscosity Dip Cup | 4.11mm           | 20°C - 30°C           |

<sup>1</sup> For information only      <sup>2</sup> Efflux Time Certificate

● Calibration Certificate supplied as standard

◇ Batch Calibration Certificate supplied as standard

## Viscosity Flow Cups Accessories

### ACCESSORIES

| Part Number  | Description  |
|--------------|--|
| KT002400N001 | Viscosity Cup Precision Stand with Bubble Level and Glass Draw Plate. To ensure the viscosity cup is positioned correctly to carry out the test. |
| KT002400P001 | Bubble Level for Viscosity Cup. To ensure the viscosity cup is parallel to the surface.  |
| KT002400P999 | Viscosity Glass Draw Plate.<br>To retain test sample until operator is ready to commence test and provides surface for bubble level.             |
| KT002400N001 | Elcometer 7300 High Precision Stopwatch  |



Fast and easy to use - **ElcoCalc™** instantly converts viscosity cup flow time in seconds into Centistokes (cSt).



Save time converting viscosity cup flow time into Centistokes (cSt) by using Elcometer's free app, ElcoCalc™, available from the Android or Apple App stores.

ElcoCalc™ works out the viscosity in Centistokes for you – simply choose your cup type, enter the flow time, and ElcoCalc™ does the rest.

ElcoCalc™ is free software that is available on Android™ and the App Store. Compatible with Android™ mobile devices running Android™ 2.1 or later and also iPod, iPhone and iPad running iOS 4.0 or later.



# Elcometer 212 Digital Paint Thermometer

The Elcometer 212 is a digital, pocket size thermometer ideal for day to day use. Incorporating a fast response stainless steel liquid or surface probe, the Elcometer 212 provides temperature readings in under four seconds. Housed in a water resistant case with integrated rubber seals and a moulded flush window, preventing dirt and leaks damaging the LCD display, the Elcometer 212 is ideal for use in the harshest of environments.

The probe conveniently folds back into the side of the instrument, preventing damage when not in use.

- Liquid or surface probe options available
- User switchable between °C and °F
- Resolution can be set to 0.1°C (0.1°F) or 1°C (1°F)



### TECHNICAL SPECIFICATION

| Part Number           | Description   |              |                     |
|-----------------------|---|--------------|---------------------|
| G212-----1A           | Elcometer 212 Digital Pocket Thermometer with Liquid Probe                                |              |                     |
| G212-----2A           | Elcometer 212 Digital Pocket Thermometer with Surface Probe                               |              |                     |
| Measuring Range       | -49.9°C to +299.9°C (-58°F to +572°F) user selectable                                     |              |                     |
| Operating Temperature | -20 to 50°C (-4 to 58°F)  |              |                     |
| Resolution            | 0.1°C (0.1°F) or 1°C (1°F) user selectable  | Probe        | K-type Thermocouple |
| Accuracy              | ±0.4°C (±0.7°F) up to 199.9°C (392°F), ±1°C (±1.8°F) above 199.9°C (392°F)                |              |                     |
| Battery Type          | 2 x CR2032 batteries  | Battery Life | Approx 1,500 hours  |
| Auto Switch Off Time  | 10 minutes  | Display      | 14mm LCD            |
| Case Dimensions       | 19 x 47 x 153mm (0.7" x 1.9" x 0.7")  | Weight       | 97g (3.4oz)         |
| Packing List          | Elcometer 212 Digital Pocket Thermometer with batteries fitted and operating instructions |              |                     |

# Elcometer 210 Paint Thermometer

It is often important to ensure the temperature of the paint to be applied is at a temperature which will ensure correct application.

The Elcometer 210 Paint Thermometer is supplied with a clip to enable the thermometer to be hooked on to the edge of a paint can allowing accurate temperature measurement of the paint.



### TECHNICAL SPECIFICATION

| Part Number  | Description                                 |
|--------------|---|
| G210-----1   | Elcometer 210 Paint Thermometer             |
| Scale Range  | -20°C to 60°C (-4°F to 140°F)               |
| Dimensions   | 300mm (12") length with a 50mm (1.97") dial |
| Weight       | 67g (2.4oz)                                 |
| Packing List | Elcometer 210 Paint Thermometer             |



# Elcometer 308 Digital Hygrometer

The **Elcometer 308 Hygrometer** has been specifically designed for use in very hot climates where the surface temperature of the substrate can exceed the paint manufacturer's recommended limits for successful painting.

Painting beyond recommended limits can have a detrimental effect on the performance and lifetime of the coating. The Elcometer 308 Hygrometer provides a simple and fast measurement of relative humidity and surface temperature.

RH

**Relative Humidity (RH):** Expressed as a percentage, RH is the ratio of the amount of water vapour actually held by the air compared to the maximum amount of water vapour the air could hold at a given temperature. Typical maximum RH values specified by paint manufacturers are between 75% and 85%.

T<sub>s</sub>

**Surface Temperature (Ts):** The temperature of the surface shown in degrees Celcius or degrees Fahrenheit.



## TECHNICAL SPECIFICATION

| Part Number                                    | Description   | Certificate |
|--|---|-------------|
| G308-----1                                     | Elcometer 308 Digital Hygrometer  | ●           |
| Operating Range                                | -20°C to +80°C (-4°F to +176°F)   |             |
| Surface Temperature (Ts)                       | -20°C to +80°C (-4°F to +176°F)   |             |
| Relative Humidity (RH) & Accuracy <sup>1</sup> | 0% to 100% RH (±3%)   |             |
| Resolution                                     | 0.1°C (0.1°F) / 0.1%  |             |
| Power Supply                                   | 2 x AA batteries or via USB Cable   |             |
| Battery Life                                   | Greater than 40 hours (Backlight off)   |             |
| Dimensions & Weight                            | 180 x 75 x 35mm (7 x 3 x 1.4") 300g (10.6oz)  |             |
| Packing List                                   | Elcometer 308 Hygrometer, wrist strap, 2 x AA batteries, protective carry case/pouch with belt clip, RH & surface probe calibration certificate and operating instructions. |             |

<sup>1</sup> at 1m/s

# Sagola Air Quality Inspection Kit

The Sagola Air Quality Inspection Kit allows a complete analysis of the compressed air line at the point of application.

It detects solid particles and oils in compressed air that can ruin your painting jobs. Calculation of the compressed air temperature measurement. Calculation of dew point and relative humidity of the air.

Diagnoses the causes related to the most common defects in painting, such as water bubbles, craters, peeling, dust and dirt.

Practical briefcase for safe transport.



## TECHNICAL SPECIFICATION

| Part Number  | Description   |
|--------------|---|
| PT15020001   | Sagola Air Quality Inspection Kit   |
| PT49000740   | Membrane filters. Pore 0.45µm (50 units)  |
| Dimensions   | 310 x 260 x 80mm (12.2 x 10.2 x 3.1")   |
| Weight       | 1.3kg (2.9lb)   |
| Kit Contents | Regulator/Impurity Detector<br>Relative Humidity/Temperature Digital Meter<br>30 X Magnifier<br>Membrane Filters Kit 0.45 microns<br>Operating Instructions |

# Elcometer Automotive Inspection Kit

Produced specifically for the automotive aftermarket and Insurance Assessors, 3rd party consultants, body shops and used car sales, these kits provide an instant measure of the coating thickness of panels.

An illuminated magnifier is supplied to enable close inspection of bodywork.

Measurement parameters include:

- Surface temperature
- Surface inspection
- Coating thickness



**STANDARDS:**

AS/NZS 1580.108.1, ASTM B 499,  
ASTM D 7091, ASTM E 376,  
ISO 2360, ISO 2808-12,  
ISO 2808-7C, ISO 2808-7D,  
NF T30-124

| TECHNICAL SPECIFICATION |  |
|-------------------------|--|
| Part Number             | Description  |
| YKIT-AUTOMOTIVE-2       | Elcometer Automotive Inspection Kit 2  |
| Dimensions              | 310 x 260 x 80mm (12.2 x 10.2 x 3.1")  |
| Weight                  | Kit: 1.5kg (3.3lbs)  |
| Kit Contents            | Elcometer 137 LED Illuminated (x10) Magnifier<br>Elcometer 311 Automotive Paint Meter<br>Elcometer 214L IR Digital Laser Thermometer<br>Operating Instructions |

# Elcometer Paint Booth Inspection Kit

## Waterborne Paint Version

The Elcometer paint booth inspection kit, waterborne version, includes everything needed to troubleshoot today's waterborne paint booths:

- Elcometer 415 FNF high resolution paint thickness gauge for measuring paint thickness over automotive grade steel and aluminium
- Anemometer - for measuring air speed in the paint booth
- Humidity Pen with In-Line Air Humidity Adapter - for measuring moisture content in the paint booth and airline
- Infrared (IR) Thermometer
- Smoke Tube Kit (USA Only) - to show direction of air flow to check vents are flowing properly
- Air Line Tester - connects directly to the airline to remove any sediment or debris which may cause a defective spray or imperfection
- 30x Microscope
- CFM Flow Meter - pressure is lost as it goes through the system to the spray gun. The CFM Flow Meter connects directly to the airline to measures the true pressure at the gun. If the pressure is too low, the spray will be defective and result in a poor quality finish.



### TECHNICAL SPECIFICATION

| Part Number               | Description   |
|---------------------------|---|
| <b>YKIT-PAINTBOOTH-WB</b> | Elcometer Paint Booth Inspection Kit -Waterborne Version  |
| Dimensions                | 508 x 152 x 419mm (20 x 6 x 16.5")  |
| Weight                    | 5.67kg (12.5lbs)  |
| Kit Contents              | Elcometer 415 FNF Paint Thickness Gauge<br>Anemometer<br>Humidity Pen with In-Line Air Humidity Adaptor<br>IR Thermometer<br>Smoke Tube Kit (USA Only)<br>Air Line Tester<br>30x Microscope<br>CFM Flow Meter<br>Carry Case<br>Instruction Manual |



# Elcometer Paint Booth Inspection Kit

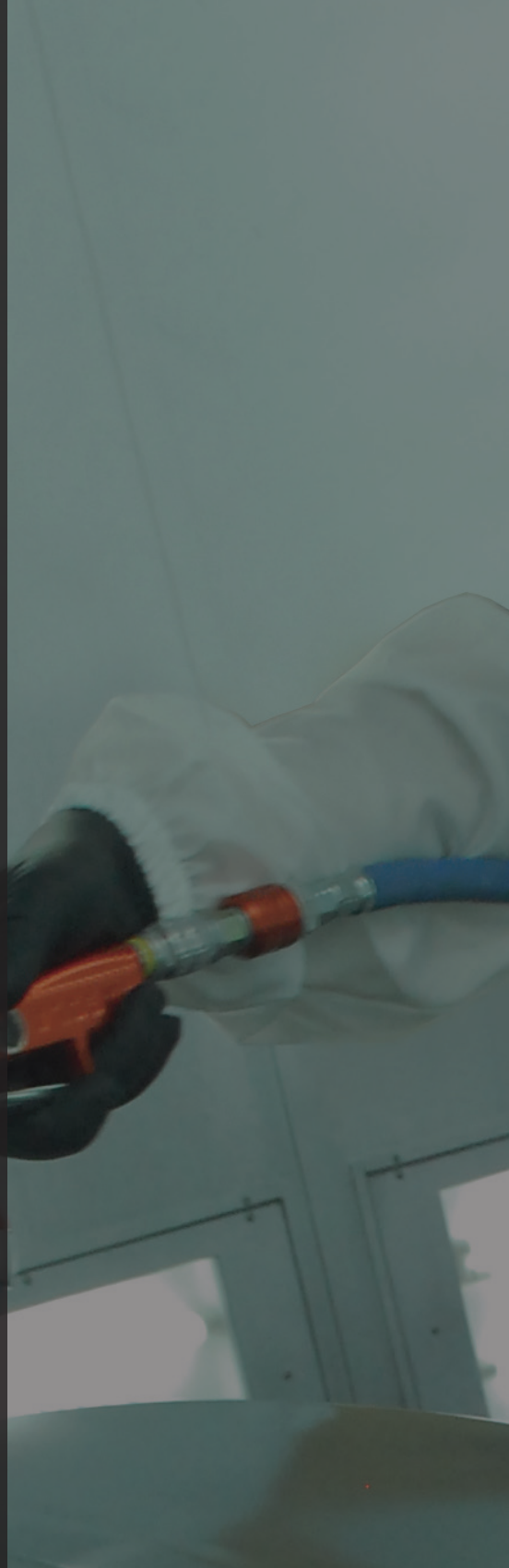
Designed for the needs of today's body shop professional. Includes everything needed to troubleshoot today's body shop paint booths:

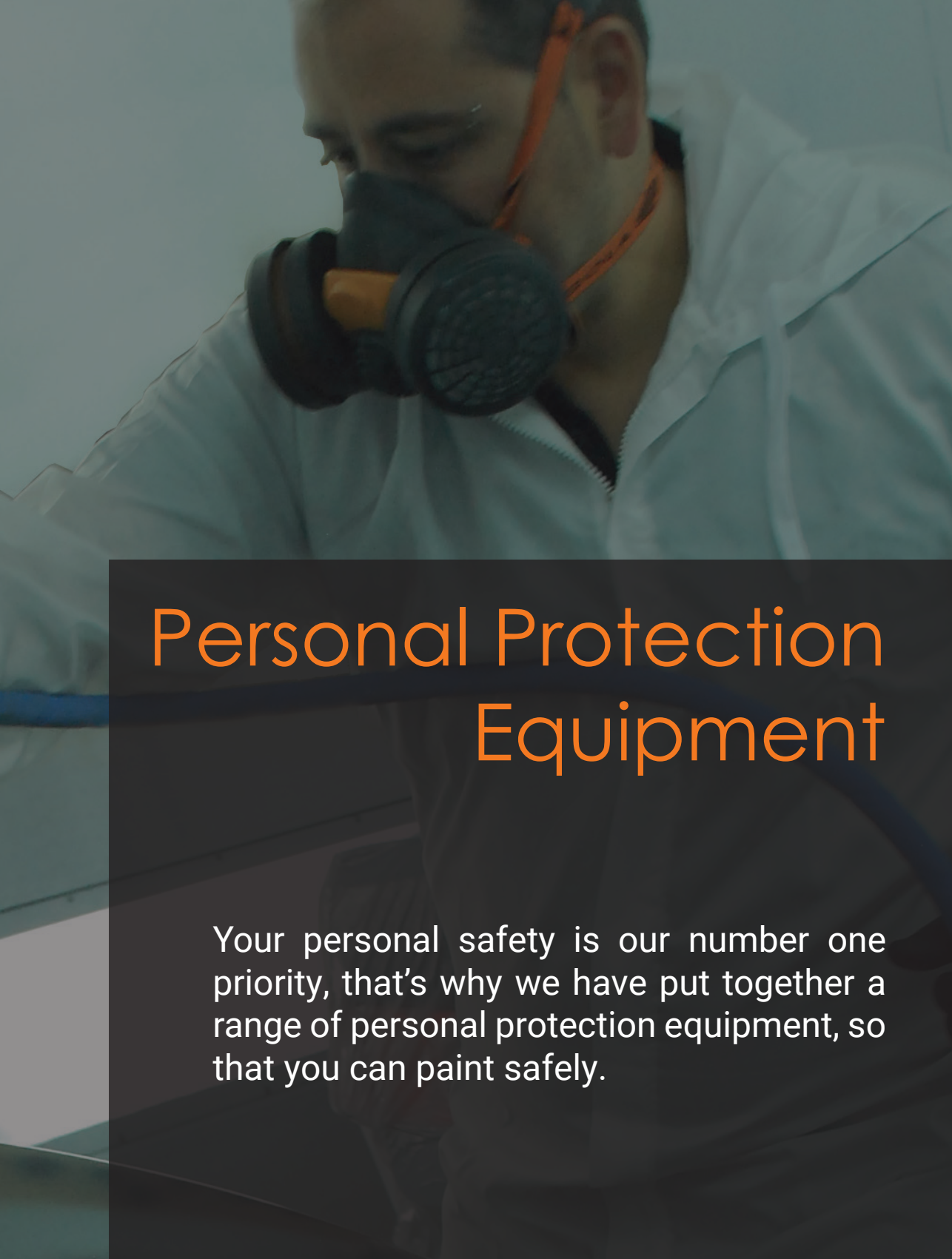
- Elcometer 415 FNF high resolution paint thickness gauge for measuring paint thickness over automotive grade steel and aluminium
- Anemometer - for measuring air speed in the paint booth
- Extech Humidity Pen with In-Line Air Humidity Adapter - for measuring moisture content in the paint booth and airline
- Infrared (IR) Thermometer
- Smoke Tube Kit (USA Only) - to show direction of air
- Air Line Tester - connects directly to the airline to remove any sediment or debris which may cause a defective spray or imperfection
- 30x Microscope



| TECHNICAL SPECIFICATION |   |
|-------------------------|---|
| Part Number             | Description   |
| YKIT-PAINTBOOTH         | Elcometer Paint Booth Inspection Kit  |
| Dimensions              | 508 x 152 x 419mm (20 x 6 x 16.5")  |
| Weight                  | 5.54kg (10lbs)  |
| Kit Contents            | Elcometer 415 FNF Paint Thickness Gauge<br>Anemometer<br>Humidity Pen<br>In-Line Air Humidity Adaptor<br>IR Thermometer<br>Smoke Tube Kit (USA Only)<br>Air Line Tester<br>30x Microscope<br>Carry Case<br>Instruction Manual |

# 7





# Personal Protection Equipment

Your personal safety is our number one priority, that's why we have put together a range of personal protection equipment, so that you can paint safely.

# Sagola 4240 Breathing Equipment Kit

Complete breathing equipment kit which includes: belt, pocket regulator and coalescent filter to remove low levels of moisture and oil. 10 meters of hose and safety plugs, 1.5 meter of hose spray gun outlet.

Preset regulator incorporating flow warning gauge with integrated high efficiency coalescent filter.

Carbon filter to absorb vapour and odour.

## STANDARDS:

BS EN 1835 (protection factor of 40)  
EC 58459, BSi Product Certification.  
89/686/CEE (EPI)



Hose kit

## PART NUMBERS

| Part Number | Description  | Coupling | Hose kit |
|-------------|--|----------|----------|
| PT15830101  | Sagola 4240 Complete Breathing Equipment Kit         | US-Mil   | •        |
| PT15830102  | Sagola 4240 Complete Breathing Equipment Kit         | Nitto    | •        |
| PT15830103  | Sagola 4240 Basic Breathing Equipment Kit            | US-Mil   |          |
| PT15830104  | Sagola 4240 Basic Breathing Equipment Kit            | Nitto    |          |
| PT15880013  | Sagola 4240 Mask Visor (10 Units)                    |          |          |
| PT15880015  | Sagola 4240 Mask Carbon Filter                       |          |          |
| PT15880011  | Sagola 4240 Mask Acetate Screen Kit                  |          |          |
| PT15880012  | Sagola 4240 Hygiene Kit (x5 Face Seals & Sweatbands) |          |          |

## TECHNICAL SPECIFICATION

| Part Number                       | Description                        |
|-----------------------------------|------------------------------------|
| Air Supply Pressure               | 4 - 10bar (60 - 145psi)            |
| Mask Air Supply Rate              | 160 - 232l/min (5.65 - 8.19CFM)    |
| Mask Hose Length (Max)            | 15m (49.2ft) (supply to regulator) |
| Environmental Working Temperature | 1.5 - 50°C (34.7 - 122°F)          |
| Nominal Actual Filter Life        | 400 operating hours                |
| Solid Particle Filtration         | 0.01µm (0.0004mil)                 |



# Sagola MP300 Breathing Mask

The Sagola MP300 mask and A1 filter set has been designed to provide maximum protection against inhalation of organic products with a boiling point over 65°C, without inconveniencing users in any way, enabling them to carry out their work in complete comfort.

The set adapts perfectly to all kinds of expressions and movements, always providing the highest possible level of protection.



## PART NUMBERS

| Part Number | Description                   |
|-------------|-------------------------------|
| PT14810301  | Sagola MP 300 Mask            |
| PT56418052  | MP 300 Paint Filter, 10 units |

## STANDARDS:

EN 140:1998, EN 143:2000/A1:2006  
EN 14387:2004/A1:2008

# Sagola Anti-Static Coveralls

Breathable panel in the back and underarms. Adjustable hood with elastic band and velcro. Press-buttons neck closure. Elastic ankle and wrist. 2-way zip and flap fitted with 2 breast pockets, 1 inside pocket, 2 side pockets and a hip pocket.

Original Dupont Teflon coating (water repellent and dirt-resistant).

Silicone and lint free.



## PART NUMBERS

| Part Number | Description                               |
|-------------|---|
| PT40000553  | Anti-Static Coverall Size XS (38 - 40")   |
| PT40000524  | Anti-static Coverall Size S (42 - 44")    |
| PT40000525  | Anti-static Coverall Size M (46 - 48")    |
| PT40000526  | Anti-static Coverall Size L (50 - 52")    |
| PT40000527  | Anti-static Coverall Size XL (54 - 56")   |
| PT40000528  | Anti-static Coverall Size XXL (58 - 60")  |
| PT40000529  | Anti-static Coverall Size XXXL (62 - 64") |



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A person's arm is visible at the top, holding a spray gun nozzle. Below, a workbench is cluttered with various items: a white funnel, a black container, a red spray gun, and a blue tool. A large, dark, semi-transparent rectangular box covers the lower half of the image, serving as a background for the text.

# Ancillary Items

A range of accessories to ensure you have everything you need to keep spraying.

## Sagola Paper Paint Strainers

Sagola paint strainers are a fundamental part of the quality of paint jobs. Use the Sagola strainers for quick and perfect paint filtering.

Sagola strainers are made of paper with a 125µm (4.9mils) or a 190µm (7.5mils) mesh. The 125µm strainer is special for water-based two-layer bases and the 190µm strainer is special for varnishes and monolayers.

Perform this step to get a spot-free surface.



### MODELS

| Part Number | Description                  | Mesh            | Quantity |
|-------------|------------------------------|-----------------|----------|
| PT40000254  | Sagola Paper Paint Strainers | 125µm (4.9mils) | 1,000    |
| PT40000253  | Sagola Paper Paint Strainers | 190µm (7.5mils) | 1,000    |

## Sagola Product Mixers

Sagola product mixers for a perfect homogenization of the paint. Mixers made of PVC, with sufficient hardness and elasticity to prevent breakage.

Available in two lengths; 20 and 30cm by 2cm wide.



### MODELS

| Part Number | Description             | Width       | Length        | Quantity |
|-------------|-------------------------|-------------|---------------|----------|
| PT40000499  | Sagola Product Mixer 20 | 2cm (0.78") | 20cm (7.87")  | 500      |
| PT40000320  | Sagola Product Mixer 30 | 2cm(0.78")  | 30cm (11.81") | 200      |



# Sagola Mixing Cups

Four sizes available to suit every need. All of them with feet to prevent spills by sticking to the table. Reinforced upper border for safe handling once filled, even in the largest size. Outer silkscreened high quality and solvent resistant.

Made of polypropylene (PP5), high breaking thermal and chemical strength. Suitable for all paints.

Mixtures and dilutions of all types of varnishes and Single stage paints 2K, HS, MS, Polyurethanes, pigmented lacquers, Waterborne basecoats.



## MODELS

| Part Number | Description            | Capacity           | Quantity |
|-------------|------------------------|--------------------|----------|
| PT40000508  | Sagola Mixing Cup 400  | 400ml (14.08fl oz) | 200      |
| PT40000509  | Sagola Mixing Cup 650  | 650ml (22.9fl oz)  | 200      |
| PT40000510  | Sagola Mixing Cup 1300 | 1.3l (45.8fl oz)   | 200      |
| PT40000511  | Sagola Mixing Cup 2300 | 2.3l (80.9fl oz)   | 175      |

# Sagola Cup Lids

Lids for mixing cups. Made of polypropylene (PP5), high breaking thermal and chemical strength. Suitable for all paints.

Highly reliable seal.



## MODELS

| Part Number | Description         | Mixing Cup         | Quantity |
|-------------|---------------------|--------------------|----------|
| PT40000512  | Sagola Cup Lid 400  | 400ml (14.08fl oz) | 100      |
| PT40000513  | Sagola Cup Lid 650  | 650ml (22.9fl oz)  | 100      |
| PT40000514  | Sagola Cup Lid 1300 | 1.3l (45.8fl oz)   | 100      |
| PT40000515  | Sagola Cup Lid 2300 | 2.3l (80.9fl oz)   | 100      |

## Sagola Paint Mixing Cup Dispenser

- Cup dispensers for paint mixing.
- Made of chromed aluminum.
- Bottom dispenser outlet for the mixing cup.
- Easy to access.
- Wall mounted and easy to install.
- Available for four sizes of Sagola mixing cups.



### MODELS

| Part Number | Description               | Mixing Cup         |
|-------------|---------------------------|--------------------|
| PT40000517  | Sagola Cup Dispenser 400  | 400ml (14.08fl oz) |
| PT40000518  | Sagola Cup Dispenser 650  | 650ml (22.9fl oz)  |
| PT40000519  | Sagola Cup Dispenser 1300 | 1.3l (45.8fl oz)   |
| PT40000520  | Sagola Cup Dispenser 2300 | 2.3l (80.9fl oz)   |

## Sagola Particle Removal Needle Kit

Special needles for removing particles of dust or dirt that have adhered to the paint.



### MODELS

| Part Number | Description                        | Quantity  |
|-------------|------------------------------------|-----------|
| PT40000249  | Sagola Particle Needle Removal Kit | 6 Needles |

# Sagola Spray Gun Stand & Locker

Ideal for storing guns and accessories when not in use.



## MODELS

| Part Number | Description                       |
|-------------|-----------------------------------|
| PT40000245  | Magnetic Stand for One Spray Gun  |
| PT40000246  | Magnetic Stand for Two Spray Guns |
| PT70000010  | Spray Gun & Accessories Locker    |

| Part Number | Description  |
|-------------|--|
| PT56418020  | RC1 Flow Regulator with Pressure Gauge   |
| PT56418432  | Reusable Gravity Flow Cup - Plastic; 650ml (22fl oz)   |
| PT56418505  | Reusable Gravity Flow Cup - Plastic; 1l (33.8fl oz)  |
| PT56418082  | Reusable Gravity Flow Cup - Aluminium; 1l (33.8fl oz)  |
| PT56418438  | Product Mini Filter (x10)  |
| PT55711607  | Coupling for Disposable Gravity Flow Cup - 3M PPS  |
| PT55711617  | Coupling for Disposable Gravity Flow Cup - MIPA-CARWOX   |
| PT55711609  | Coupling for Disposable Gravity Flow Cup - GERSON-NORTON   |
| PT55711610  | Coupling for Disposable Gravity Flow Cup - FLEXI-CUP   |
| PT55711619  | Coupling for Disposable Gravity Flow Cup - DEVILBISS-DEKUPS  |
| PT55711621  | Coupling for Disposable Gravity Flow Cup - SATA RPS  |
| PT56418589  | Lubricant Grease (SAE 10), 100ml (3.38fl oz)   |
| PT40000086  | Spray Gun Cleaning Kit - includes a brush for outside cleaning and rods of different sizes for all the inner paths of the spray gun. Supplied in a case. |

## Elcometer Black Polo Shirt

### PART NUMBERS

| Part Number        | Size      | Chest              |
|--------------------|-----------|--------------------|
| <b>MT29173-S</b>   | Small     | 84-92cm (33-36")   |
| <b>MT29173-M</b>   | Medium    | 92-100cm (36-38")  |
| <b>MT29173-L</b>   | Large     | 100-108cm (38-42") |
| <b>MT29173-XL</b>  | X-Large   | 108-116cm (42-45") |
| <b>MT29173-2XL</b> | XX-Large  | 116-124cm (45-49") |
| <b>MT29173-3XL</b> | XXX-Large | 124-132cm (49-52") |



## Elcometer Black Soft Shell Jacket

### PART NUMBERS

| Part Number        | Size      | Chest              |
|--------------------|-----------|--------------------|
| <b>MT29166-S</b>   | Small     | 84-92cm (33-36")   |
| <b>MT29166-M</b>   | Medium    | 92-100cm (36-38")  |
| <b>MT29166-L</b>   | Large     | 100-108cm (38-42") |
| <b>MT29166-XL</b>  | X-Large   | 108-116cm (42-45") |
| <b>MT29166-2XL</b> | XX-Large  | 116-124cm (45-49") |
| <b>MT29166-3XL</b> | XXX-Large | 124-132cm (49-52") |



## Elcometer Black Baseball Cap

### PART NUMBERS

| Part Number    | Description             |
|----------------|-------------------------|
| <b>MT29158</b> | Baseball Cap - One Size |





# Sagola Anti-Static Coveralls

Breathable panel in the back and underarms. Adjustable hood with elastic band and velcro. Press-buttons neck closure. Elastic ankle and wrist. 2-way zip and flap fitted with 2 breast pockets, 1 inside pocket, 2 side pockets and a hip pocket.

Original Dupont Teflon coating (water repellent and dirt-resistant).

Silicone and lint free.



## PART NUMBERS

| Part Number | Description                               |
|-------------|---|
| PT40000553  | Anti-Static Coverall Size XS (38 - 40")   |
| PT40000524  | Anti-static Coverall Size S (42 - 44")    |
| PT40000525  | Anti-static Coverall Size M (46 - 48")    |
| PT40000526  | Anti-static Coverall Size L (50 - 52")    |
| PT40000527  | Anti-static Coverall Size XL (54 - 56")   |
| PT40000528  | Anti-static Coverall Size XXL (58 - 60")  |
| PT40000529  | Anti-static Coverall Size XXXL (62 - 64") |

# Elcometer catalogues



Blast  
Equipment



elcometer  
blasting equipment



Spray  
Equipment



Inspection  
Equipment



elcometer  
industrial coating inspection  
& physical test equipment



NDT  
Equipment



elcometer  
ndt inspection equipment



elcometer

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& Bodyshop

## Refinishing & Bodyshop Spray Equipment

From production lines to paint formulation laboratories, quality assurance to academic institutions,



## Industrial Finishing Spray Equipment

From production lines to paint formulation laboratories, quality assurance to academic institutions,



## Protective Coatings Spray Equipment

From production lines to paint formulation laboratories, quality assurance to academic institutions,



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To find your local representative  
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Due to our policy of continuous improvement, Elcometer Limited reserves the right to change specifications without notice.

All gauges are supplied with a 1 year warranty as standard unless stated otherwise.

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