

Sagola V4000 Automatic Spray Gun



The new Sagola V4000 Automatic Spray Gun ensures a consistent high quality finish for the most demanding automated spray lines.

For both manual and fully automated paint lines, the Sagola V4000 offers versatile control options to suit your needs. With automatic fan size regulation available for automated setups, the system replaces manual regulator wheels with an air inlet, streamlining operations.

Featuring quick change mounts, the Sagola V4000 minimizes downtime by simplifying maintenance and cleaning tasks. You can easily reposition the gun without altering setup parameters, ensuring uninterrupted workflow.

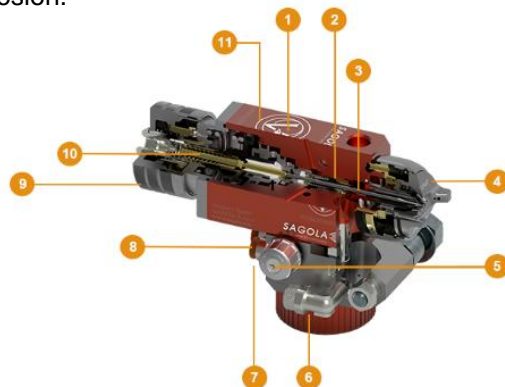
Equipped with an extensive range of interchangeable needles, nozzles, and aircaps, the Sagola V4000 adapts to various paint types and sprayable products, including abrasive fluids, making it a versatile solution for diverse applications.

Utilizing metal-on-metal technology, the Sagola V4000 eliminates air diffusers, blind chambers, and threads in contact with paint, along with gaskets, seals, or plastic parts in the product area. This design simplifies cleaning and maintenance while enhancing durability.

With its compact size, the Sagola V4000 Series offers easy maneuverability, providing access to even the most intricate parts for comprehensive coverage and flawless finishing. Manufactured in accordance with International Standards EN 1953:2013 Ap. 5.2.4, the Sagola V4000 embodies quality craftsmanship, ensuring reliability and performance consistency in every application.

Features

1. All the benefits of the Sagola X4100 in an automatic spray gun.
2. Metal to metal technology. No gaskets, O-rings or plastic parts in the fluid area.
3. Highly durable self-adjusting packing gland.
4. Anodized aluminium aircaps (corrosion free). Great resistance and durability. Suitable for aggressive environments.
5. High precision progressive fan regulator.
6. Quick connector product/fluid inlet.
7. Quick connector air spray inlet.
8. All connections on the same side of the gun or quick change mount for easier setup of the painting line.
9. Product regulator. Precision adjustment with vernier set to "0".
10. Highly durable operating piston designed and tested for demanding continuous paint lines
11. Robust forged anodized aluminium body, treated with an anti-corrosion coating both inside and out, for high protection against corrosion.



Technical Specifications

	Direct Mount Manual	Direct Mount Robotic	Quick Change Mount Manual	Quick Change Mount Robotic
Weight	915g	987g	1.24kg	1.32kg
Dimensions	164 x 45 x 104mm	164 x 45 x 104mm	164 x 45 x 174mm	164 x 45 x 174mm
Operation inlet connection	4mm	4mm	4mm	4mm
Air inlet connection	4mm	4mm	4mm	4mm
Product inlet connection	BSP 1/4" M	BSP 1/4" M	BSP 1/4" M	BSP 1/4" M
Maximum air pressure	8bar	8bar	8bar	8bar
Recommended working air pressure	2 - 3bar	2 - 3bar	2 - 3bar	2 - 3bar
Materials on contact with the product	Stainless steel, POM, Teflon, Nylon and Tungsten Carbide.			
Recommended application distance				
EPA	18 - 20cm	18 - 20cm	18 - 20cm	18 - 20cm
HVLP	12 - 15cm	12 - 15cm	-	15 - 20cm
Conventional	20 - 25cm	20 - 25cm	18 - 22cm	20 - 25cm

Application Guide

Sagola V4000 App Guide Needle & Nozzle Size	Paint Flow Output	Air Consumption	Fan size	Aircap	Application Categories																	
					Solvent Based	Water Based	Primer	Base Coats	Top Coats & High Gloss Finishes	Stains, Varnishes & Lacquers	Adhesives & Sealers	Acrylics	Ceramic & Stove Enamels	Cementitious, High Volume Solids & Abrasive	Metallics							
X765																						
0.8	179g/min	315LPM	301mm	Conventional	•	•		•		•												
1	211g/min	315LPM	310mm	Conventional	•	•		•	•	•				•								
1.2	250g/min	315LPM	320mm	Conventional	•	•			•	•				•								
1.4	295g/min	315LPM	329mm	Conventional	•	•																
500																						
0.8	161g/min	480LPM	320mm	HVLP	•	•																
1	190g/min	480LPM	300mm	HVLP	•	•																
1.2	225g/min	480LPM	310mm	HVLP	•	•	•															
600																						
0.8	157g/min	630LPM	320mm	HVLP	•	•																
1	186g/min	630LPM	330mm	HVLP	•	•																
1.2	220g/min	630LPM	340mm	HVLP	•	•	•															
1.4	259g/min	630LPM	350mm	HVLP	•	•	•															

Sagola V4000 App Guide Needle & Nozzle Size	Paint Flow Output	Air Consumption	Fan size	Aircap	Solvent Based	Water Based	Primer	Base Coats	Top Coats & High Gloss Finishes	Stains, Varnishes & Lacquers	Adhesives & Sealers	Acrylics	Ceramic & Stove Enamels	Cementitious, High Volume Solids & Abrasive	Metallics
XT01B															
0.8	174g/min	295LPM	291mm	Compliant	•	•	•								
1	206g/min	295LPM	300mm	Compliant	•	•	•	•							
1.2	290g/min	295LPM	310mm	Compliant	•	•	•								
1.4	342g/min	295LPM	319mm	Compliant	•	•	•								
X777															
1	241g/min	345LPM	375mm	Conventional	•	•		•	•	•		•			
XT03															
1	202g/min	460LPM	339mm	HVLP	•	•									•
1.2	238g/min	460LPM	349mm	HVLP	•	•									•
1.4	280g/min	460LPM	360mm	HVLP	•	•					•				
X SuperVIT 1.00															
1	274g/min	380LPM	334mm	Compliant	•	•		•	•	•	•				
1.2	324g/min	380LPM	345mm	Compliant	•	•	•	•	•		•				
1.4	382g/min	380LPM	355mm	Compliant	•	•	•								
X20A															
1.2	215g/min	430LPM	348mm	Conventional	•	•	•								
1.4	254g/min	430LPM	359mm	Conventional	•	•									
1.8	300g/min	430LPM	370mm	Conventional	•	•					•				
797															
1	194g/min	370LPM	330mm	Conventional	•	•	•								
1.2	310g/min	250LPM	329mm	Conventional	•	•	•								
X3030															
1.2	330g/min	514LPM	310mm	HVLP	•	•	•								
1.4	389g/min	514LPM	319mm	HVLP	•	•	•								
X96															
1.4	216g/min	250LPM	310mm	Conventional	•	•	•								
1.8	310g/min	250LPM	340mm	Conventional	•	•	•								
X765															
1.2	250g/min	315LPM	320mm	Conventional	•	•									
1.4	295g/min	315LPM	329mm	Conventional	•	•									
500															
1.2	225g/min	480LPM	310mm	HVLP	•	•									
600															
1.2	220g/min	630LPM	340mm	HVLP	•	•									
1.4	259g/min	630LPM	350mm	HVLP	•	•					•				

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XT03															
1.4	280g/min	460LPM	360mm	HVLP	•	•					•				
XT01B															
1.2	290g/min	295LPM	310mm	Compliant	•	•									
78															
1.4	300g/min	410LPM	360mm	Conventional	•	•							•		
67															
1.8	300g/min	400LPM	310mm	Conventional	•	•							•	•	
64															
2.2	354g/min	400LPM	290mm	Conventional	•	•							•	•	
62															
2.8	417 g/min	410LPM	300mm	Conventional	•	•							•	•	

Packing List

Sagola V4000 Automatic Spray Gun

Sagola V4000 Series Aircap

Stainless Steel or Tungsten Carbide Needle & Nozzle Kit

Cleaning Brush

Wrench

