

Elcometer 1800 Density Cup Stainless Steel

Can be used in accordance with Test Methods:
**ASTM D 891-B, ASTM D 1475, DIN 53217-2*, FTMS 141 4183*,
 ISO 2811-1, JIS K 5600-2-4, NBN T22-110*, NFT 30-020***



The Density of a coating should remain constant from batch to batch. Also known as Density Cups or Specific Gravity Cups, Pycnometers are used to determine the specific weight per unit volume of a liquid at a given temperature.

The Elcometer 1800 Density Cup is a stainless steel precision cup for determining the specific gravity or density of paints and similar products.

The Pycnometer consists of a cylindrical container and lid with a hole for the exhaust of excess liquid.

How to use a Density Cup:

- Weigh the Cup and Lid when empty
- Fill with the liquid
- Place lid on the Cup, removing excess liquid*
- Weigh the Density Cup when full
- Divide the weight by the cup volume/capacity to determine the Specific Gravity



*Each Pycnometer has an escape hole in the lid to allow excess liquid to escape. Any excess liquid should be removed before weighing.

Technical Specification

Part Number	Description	Volume	Certificate
K0001800M001	Elcometer 1800/1 Density Cup stainless steel	50cc	
K0001800M002	Elcometer 1800/2 Density Cup stainless steel with calibration certificate	50cc	•
K0001800M005	Elcometer 1800/5 Density Cup stainless steel	100cc	
K0001800M006	Elcometer 1800/6 Density Cup stainless steel with calibration certificate	100cc	•

• Certificate supplied as standard

Packing List

Elcometer 1800 Specific Gravity Cup
 Storage Case
 Operating Instructions

* Standards not in bold have been superseded but are still recognised in some industries