

# Elcometer 1800 Densimeter / Picnometer / Specific Gravity Cups



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## At a glance

- Used to determine the weight of paints and similar products
- Stainless steel or anodised aluminium
- Available in 50, 83 or 100cc
- Can be supplied with a tare weight which must be requested at the time of order

**Elcometer 1800 Densimeter / Picnometer / Specific Gravity Cups**  
A stainless steel or anodised aluminium precision instrument for determining the specific weight of paints and similar products.

This instrument consists of a cylindrical container and cover with a hole for exhaust excess liquid.

Three capacities are available : 50, 83 or 100 cc. These can be supplied with or without a tare weight for weighing on a balance.

## Density

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



Can be used in accordance with:	
ASTM D 1475	DIN 53217
FTMS 141 a M4183	FTMS M4184/1
ISO 2811	NFT 30 020
NBN T 22-110	

Model	Description	Measurement		Part Number
		Capacity	Unit	
Elcometer 1800/1	Elcometer 1800 Picnometer – stainless steel	50cc	Metric	K0001800M001
Elcometer 1800/2	Elcometer 1800 Picnometer – stainless steel with test certificate	50cc	Metric	K0001800M002
Elcometer 1800/3	Elcometer 1800 Picnometer - aluminium	50cc	Metric	K0001800M003
Elcometer 1800/4	Elcometer 1800 Picnometer - aluminium with test certificate	50cc	Metric	K0001800M004
Elcometer 1800/5	Elcometer 1800 Picnometer - stainless steel	100cc	Metric	K0001800M005
Elcometer 1800/6	Elcometer 1800 Picnometer – stainless steel with test certificate	100cc	Metric	K0001800M006
Elcometer 1800/7	Elcometer 1800 Picnometer - aluminium	100cc	Metric	K0001800M007
Elcometer 1800/8	Elcometer 1800 Picnometer - aluminium with calibration certificate	100cc	Metric	K0001800M008
Elcometer 1800/1	Elcometer 1800 BS Specific Gravity Cup - stainless steel	50cc	Metric	K0US1800M001
Elcometer 1800/2	Elcometer 1800 BS Specific Gravity Cup - aluminium	50cc	Metric	K0US1800M002
Elcometer 1800/3	Elcometer 1800 BS Specific Gravity Cup - stainless steel	100cc	Metric	K0US1800M003
Elcometer 1800/4	Elcometer 1800 BS Specific Gravity Cup - aluminium	100cc	Metric	K0US1800M004
Elcometer 1800/5	Elcometer 1800 Imperial Specific Gravity Cup - stainless steel	83.2cc	Imperial	K0US1800M005
Elcometer 1800/6	Elcometer 1800 Imperial Specific Gravity Cup - aluminium	83.2cc	Imperial	K0US1800M006
Accessories	Tare-counterweight for Picnometer			KT001800N001
	Calibration Certificate			KCAL9960P047
Packing List	Elcometer 1800 Specific Gravity Cup, Tare weight (if ordered), Storage case & Operating instructions			