

SPECIFIC GRAVITY CUP ISO 2811 DIN 53 217 ASTM D 1475

VF2097, VF2098, VF2099, VF2100

DATASHEET

PRODUCT DESCRIPTION

Specific Gravity Cup for determining the specific gravity or density (or weight per gallon wpg) of coatings, pastes or similar liquids. Density is defined as weight per unit volume at a specified temperature. Specific Gravity Cups (or Pycnometers) are available in anodised aluminium and stainless steel, 100ml and 50ml.

**SPECIFICATIONS**

Art. No.	volume	material	weight	outer Ø cup	outer Ø lid	height cup	height cup+lid
VF2098	50 ml	Aluminum	+/- 61 g	49mm	52mm	34,2mm	36,2mm
VF2097	100 ml	Aluminum	+/- 70 g	49mm	52mm	64,2mm	66,2mm
VF2100	50 ml	Stainless steel	+/- 146 g	49mm	52mm	34,2mm	36,2mm
VF2099	100 ml	Stainless steel	+/- 198 g	49mm	52mm	64,2mm	66,2mm

BUSINESS

Protective Coatings, Corrosion Control, Coating Laboratories, Paint Production, Surface Finishing, Powder Coating, Decorative Coatings, Building Maintenance

STANDARDS

ISO 2811, DIN 53 217, ASTM D 1475

FEATURES

- Available in aluminium en stainless steel
- Available in 100 ml and 50ml
- Including calibration certificate

SCOPE OF SUPPLY

- TQC Pycnometer
- Calibration certificate

ORDERING INFORMATION

VF2098	50 ml	Aluminium	+/- 61 g
VF2097	100 ml	Aluminium	+/- 70 g
VF2100	50 ml	Stainless steel	+/- 146 g
VF2099	100 ml	Stainless steel	+/- 198 g

USE

- Weigh cleaned density cup empty and record weight
- Temper density cup and test liquid (20°C +/-0.5°C; 68°F +/-1.0°F)
- Fill density cup
- Put cover on without tilting
- Avoid air bubbles
- Remove overflowing liquid carefully with absorbent cloth
- Weigh filled density cup
- Calculate density: $\text{Density} = \frac{\text{weight of filled cup (g)} - \text{weight of empty cup (g)}}{\text{Volume of density cup (ml)}}$

SPECIAL CARE

- Always clean the instrument after use.
- Clean the instrument using a soft dry cloth. Never clean the instrument by any mechanical means such as a wire brush or abrasive paper. This may cause, just like the use of aggressive cleaning agents, permanent damage.
- We recommend annual calibration

DISCLAIMER

The right of technical modifications is reserved.

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