TQC sheen

TQC Sheen Pressure Density Cup

VF2095

INDUSTRIAL PHYSICS

Protecting
Product Integrity

Density or specific gravity can be affected by entrapped gas and air bubbles in the liquid under test. The TQC Sheen Pressure Density Cup has a mechanism to pressurize the liquid under test up to 10 bar.

Under pressure the air and gas bubbles can dissolve into the liquid and any bubbles that are left undissolved will be compressed to a fraction of their original size.

Thus realizing an exact volume of 100 ml, ready to be weighed equally accurate. Resulting in the best density calculation possible for liquids with trapped air or gas bubbles.

The TQC Sheen Pressure Density Cup has been developed especially for density determination of liquids with entrapped air or gas bubbles.

Ideal for

Aerospace, Automotive, Electronics, Inks & Coatings.

Standards

EN ISO 2811-4

Tests may only be carried out if all parts of the pressure density cup have an identic serial number.

Features

- Minimizes the effect of entrapped air bubbles
- High level of repeatability
- Easy to take apart and clean
- Stainless steel

Scope of supply

- Pressure density cup 100 ml
- Desktop holder
- Brush 25 mm and 40 mm
- Calibration certificate

Ordering Information:

Catalog Number	Article Description
VF2095	TQC Sheen Pressure Density Cup

Technical Specification:

Dimensions (LxWxH):	50 x 90 x 300 mm/ 2,0 x 3,5 x 11,8 in
Weight Pressure density cup:	875 g / 1,9 lbs
Weight Cup, holder, brushes:	1750 g / 3,9 lbs
Material:	Stainless steel
Compression:	10 bar
Volume:	100 ml

The calibration certificate has the exact volume.

Accuracy:

Valve:	± 1 bar
Volume:	± 1 ml

Use

The Pressure Density Cup takes a volume of just over 100 ml of the liquid under test and compresses it so that any errors due to entrapped air or gas are eliminated. Any excessive liquid will be squeezed out, realizing exactly 100 ml again. By then weighing the pressurized density cup, the true density can be calculated.

Contact Details

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