

Solid Densimeter



Features:

- * Measurable irregular solids: block, granule, film, floating materials, etc.
- * High-precision sensor ensures stable and efficient testing.
- * Interchangeable suspension kit(Stainless steel hanger and wire) allows use of water, alcohol, silicone oil, or other liquids as the medium, depending on sample characteristics.
- * Large-capacity transparent PC water tank(One-piece molded) for easy observation.
- * ABS plastic test stand – stable, robust, and easy to clean.
- * Adjustable leveling feet with simple knob adjustment for hassle-free setup.

Technical Parameters:

Model	BK-DME300SA
Capacity	0.01~300g
Density Resolution	0.001g/cm ³
Density Range	>1 and <1g/cm ³
Measuring Time	About 5s
Measuring Principle	Archimedes principle
Specific Gravity Measuring Frame	Unibody injection forming professional specific gravity measurement frame Size: 170*128*110mm(W*D*H)
Measuring Tank	Integrally molded gray transparent water tank Size: 153*107*85mm(W*D*H)
Parameter Settings	Solid density, density upper/lower limits
Compensation Settings	Water temp., medium density, waterproof medium, density upper/lower limits
Display Values	Non-absorbent: density, volume, volume % Absorbent: apparent density, bulk density, wet density, total void ratio, effective porosity, open pore volume, total volume, oil content, water absorption
Calibration Method	One-key calibration, automatic detection
Standard Accessories	Measuring stand, water tank, calibration weight(200g), anti-flotation bracket, tweezers, stainless steel basket, glass beaker
Working Temperature	15~30°C
Consumption	8W
Power Supply	AC 110~220V, 50/60Hz
External Size(W*D*H)	188*275*200mm
Package Size(W*D*H)	410*240*250mm
Net Weight	2kg
Gross Weight	3kg