



SOLID MATERIALS DENSITY TESTER TTD- 300DE

Solid Materials Density Tester TTD-300DE specifically designed for testing aluminum samples (hydrogen content) with dimensions of 148mm in length, 100mm in width, and 85mm in height.

Density Meter, Density Tester, Densimeter, Specific Gravity Tester

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Maximum Weight Capacity: Supports a maximum weight of 300g.

Precision in Density Measurement: Offers density measurement precision up to 0.001g/cm³.

APPLICATIONS

Suitable for

Laboratory of solder, brass, bronze, silver, nickel, zinc, plastic, rubber, wire and cable, glass, film, hard alloy, soft synthetic leather, leather, elastic material, oil seal, oil ring, new materials, and other recycling industries.

Principle

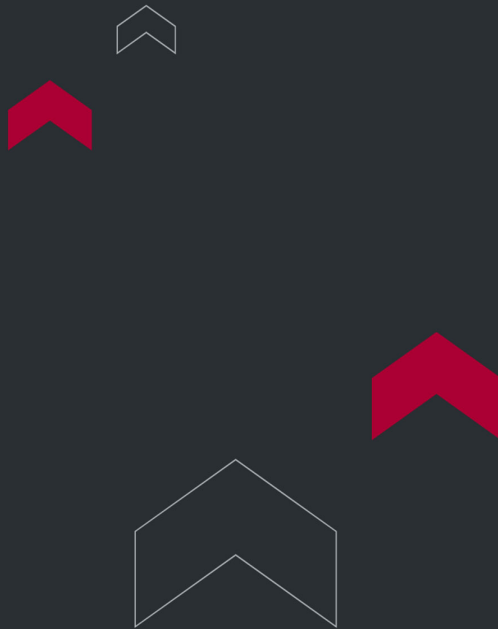
Referring to the standards of ASTM D297, D792, JIS K6530, ISO2781, 1183and by applying the buoyancy of the object immersed in the liquid and hydrostatics principle, the density, volume, and mixture ratio of dense solid materials can be shown.

FEATURES

- Density Measuring Mode (DS): Measures both density and volume.
- Hydrogen Content Measurement Mode (A/B): Measures density value and hydrogen content.
- Mix Ratio Density Measuring Mode (Mix1): Determines the proportion of the primary material.
- Mix Ratio Density Measuring Mode (Mix2): Determines the proportion of the secondary material.

TECHNICAL SPECIFICATIONS

Model	TTD-300DE
Max Weight	300g
Weighing Precision	0.01g
Density Precision	0.001g/cm3
Volume Precision	0.001g/cm3
Mixing Ratio 1	0.01%
Mixing Ratio 2	0.01%



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