



SOLID MATERIALS DENSITY TESTER TTD- LE

Solid Materials Density Tester TTD-LE specifically designed for elastic solid materials, suitable for large-size samples with dimensions of 210mm in length, 170mm in width, and 120mm in height.

Density Meter, Density Tester, Densimeter, Specific Gravity Tester

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Maximum Weight Capacity:

Supports maximum weights of 1500g, 2000g, 3000g, or 6000g.

Weighing Precision:

Offers weighing precision of 0.01g for 1500g, 2000g, and 3000g capacities, and 0.1g for the 6000g capacity.

Precision in Density Measurement:

Provides 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.
- Density Measuring Mode (DS - Green Color):
Measures density and volume of viscous samples (A).
- 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-LE1500	TTD-LE2000	TTD-LE3000	TTD-LE6000
Max Weight	1500g	2000g	3000g	6000g
Weighing Precision	0.01g			0.1g

Density Precision	0.001g/cm3
Volume Precision	0.001g/cm3
Mixing Ratio 1	0.01%
Mixing Ratio 2	0.01%



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