



LIQUID DENSITY TESTER TTD-153G

Liquid Density Tester TTD-153G, the ideal instrument for precise liquid density measurements. With a maximum weight capacity of 150g, this device ensures weighing precision up to 0.001g and density precision up to 0.0001g/cc.

Max weight : 150g

Weighing precision : 0.001g

Density precision : 0.0001g/cc

Concentration : 0.1%-100.0%

Density Meter, Density Tester, Densimeter, Specific Gravity Tester

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APPLICATIONS

Suitable for

Acid Solution, Alkaline Solution, Saline Solution, Anti-oxidant Solution.

Principle

According to the standard test method of ASTM, JIS, ISO, the buoyancy Method using the Archimedes principle is applied. The relative density and concentration of the liquid are obtained.

FEATURES

- Measures the specific gravity of various liquids, including high viscosity, suspensions, emulsions, and colloidal dispersions.
- Compatible with a constant temperature water tank to measure specific gravity at the desired temperature.
- Equipped with an infrared temperature probe for automatic liquid temperature measurement.
- Mixing ratio function to measure the ratio of primary materials in two mixed substances, such as calculating the glass fiber content.
- Requires only 50cc of liquid to quickly display its density. Any weight can be set as the standard value, making it easy to operate.
- Liquid Density Tester TTD-153G features a modern touch screen for simple operation and immediate display of all measurement data.
- Includes two concentration functions that convert density measurements into concentration values.
- Various weight sets available for purchase to suit different liquid characteristics.
- Teflon weight set available for measuring the specific gravity of hydrofluoric acid.

TECHNICAL SPECIFICATIONS

Model	TTD-153G
Max weight	150g
Weighing Precision	0.001g
Density precision	0.0001g/cc
Relative density range	0.0001~2.2000(Glass Weight)
Concentration	0.1~100.0%
Function	With temperature sensor, it can measure liquid temperature



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