



LIQUID DENSITY TESTER TTD-300G

Liquid Density Tester TTD-300G, your go-to solution for accurate liquid density measurements. With a maximum weight capacity of 300g, this tester offers a weighing precision of 0.01g and a density precision of 0.001g/cc. It also measures concentration ranges from 0.1% to 100.0%, making it ideal for various laboratory and industrial applications.

Max weight : 300g

Weighing precision : 0.01g

Density precision : 0.001g/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 for specific gravity measurements at the required temperature.
- Equipped with an infrared temperature probe for automatic liquid temperature measurement.
- Includes a mixing ratio function to measure the proportion of primary materials in 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-300G 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 are available for purchase to suit different liquid characteristics.
- The Teflon weight set can measure the specific gravity of hydrofluoric acid.

TECHNICAL SPECIFICATIONS

Model	TTD-300G
Max weight	300g
Weighing Precision	0.01g
Density precision	0.001g/cc
Relative density range	0.001~2.200(Glass Weight)
Concentration	0.1~100.0%
Function	With temperature sensor, it can measure liquid temperature



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