

Solids and liquid Densimeters / Specific Gravity With Density resolution: 0.001g/cm³

Model:GP-300S



Solid Mode



Liquid Mode

Principle: According to ASTM、JIS、GB/T、ISO standards, adopting the buoyancy method and the water displacement method of Archimedean principle, can accurately and directly measure the value of density .

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FEATURES:

- **Easy operation by just putting the sample on container and then into the water**
- for Solid, Pellet, Film, Floating-body, Liquids
- **Measuring range increased up to 300g**
- **Substantial function of Solid and Liquid measurements**
- **Shorter measuring time (about 10 sec)**
- **Comparator function is available with buzzer sound (option).**
- **Optional setting is available for development of new material. (Solid mode)**
- **Large and floating objects can be measured easily with new bigger square container and water tank.**
- **Ethanol can be used as a liquid medium with improved standard water tank made with Styrol.**
- **RS-232C Interface is included as standard equipment.**

The precision balance supports both the water container and the sample test stand. To obtain density value, first weigh the dry sample on top of the test stand, then immerse the sample in the water container and weigh the submerged sample on the platform. The instrument then displays the computed specific gravity, and if required the sample volume.

Specifications:

Product Name	Electronic Densimeter MD-300S
Measuring Range	0.001g/cm ³
Instrumental Error	±0.01 grams
Necessary weight for weigh density	0.5~300g
Function	Solid, Liquid and 4 new function
Measurement Result	Solid: Density, Volume Liquid: Density Optional Setting: Contained % of main material
Weight / Dimension	1.54kg/(L) 218X(W) 190X(H) 170mm
Power Supply	AC115~240V
Accessories	Plastic Cover (Transparent) Air Tight Wind Shield, Tweezers Thermometer, 200gram Weight AC Adaptor, Steel Angle
Option	Liquid Density Kit