

ELECTRONIC DENSIMETER

21-21-10



HIGH PRECISION DENSIMETER MD-300S

The Electronic Densimeter MD-300S provides a highly accurate calculation of specific gravity of almost any object of any shape. The revolutionary compact design makes specific gravity measurement simple and accurate. A general purpose new model with high accuracy debuts with additional functions equipped.

APPLICATIONS

Rubber, Plastic, Metals, Glass, Ceramic, Food, Wood, Medical

FEATURES

- * For measuring solid and liquid specific gravity
- * Density resolution: 0.001g/cm³
- * Liquid Mode available with option kit
- * The volume of a solid sample can be measured
- * Able to compensate water temperature and specific gravity of solution on front switches
- * Specific gravity is automatically calculated
- * Selectable measuring time
- * Can measure specific gravity of less than 1
- * Automatic compensation for room temperature

SPECIFICATIONS

- Highly precise general-purpose model with density resolution of 0.001g/cm³, measurable weight 0.01~300g
- Capable of measuring specific gravity of liquid (*other than those with high viscosity, which need optional parts*)
- Capable of setting the actual water temperature and specific gravity of the solution with front keys and automatically compensating the measured specific gravity.
- Capable of measuring plastic pellets.
- Capable of measuring readily floating samples, such as urethane rubber, plastics, sponge, and wood.
- Result judgments with Comparator Mode is available.
- Optional Setting Mode is available for distinction of uncertain sample or development of new material.
- Easy connection to PC with standard equipped interface (RS232C: 9 pins, male connector).
- Capable to measure the compensated liquid density by setting compensated liquid temperature and compensating temperature rate.

Indication: Weight in the air; Weight in the water; Value of specific gravity; Volume

OPTIONAL PARTS

- Printer AD-8121B: Dot impact type
- Liquid gravity kit, which is need for measurement of liquid.
- ISO-related documents: Traceability; Calibration Certificate; Report on of Inspection Results.

Model MD-300S	Catalog number 21-21-10
Density Resolution	0.001g/cm ³
Scale capacity	0.01~300g
Measuring Method	Conform to Pycnometer and Hydrostatic Method
Standards	JIS K6268A former JIS K6350 (Rubber) , JIS K7112 (Plastic) etc ASTM D297-93-16 (Rubber), ASTM D792-00 (Plastic) etc
Power source	AC115~240V <i>Specify voltage requirements when ordering</i>
Weight	1.54 kg (3.4 lb)
Dimensions	(D)218 X (W)190 X (H)170mm (D 8.5 x W 7.4 x H 6.9 in)
Accessories	Airtight windshield

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