

## ELECTRONIC DENSIMETER MD-300S

For measuring solid and liquid specific gravity; Density resolution:  $0.001\text{g/cm}^3$

A general – purpose new model with high accuracy debuts with additional functions equipped.

### ■ FEATURES

- Highly precise general-purpose model with density resolution of  $0.001\text{g/cm}^3$ , measurable weight  $0.01\sim 300\text{g}$ .
- 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.



MD-300S

■ 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.

### ■ SPECIFICATIONS

Product Name	Electronic Densimeter MD-300S
Density resolution	$0.001\text{g/cm}^3$
Scale capacity	$0.01\sim 300\text{g}$
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
Dimensions	(D)218 × (W)190 × (H)170mm / 1.54kg
Accessories	Airtight windshield