

## High-precision Solid and Liquid Densimeter



BK-DMH120D

BK-DMH300D

### Application:

It is suitable for the field of quality management, cost control, new materials researching, scientific academies, researching key laboratories, quality inspection, etc.

Any form of solid could be measured, including objects of hygroscopicity, non-absorbency, high-viscosity.

Measurement of special liquid such as volatile liquid, corrosivity liquid, strong acid and strong alkali liquid need optional accessory DE-20B anti corrosive liquid measuring assembly.

### Features:

- \* Automatically check whether density is qualified or not and prompt alarm.
- \* Automatic zero tracking, buzzer warning, and overload warning.
- \* Function of solution compensation: necessary if liquid other than water is used as a medium for measuring.
- \* RS-232C is included.

## Accessories for Densimeter

### Standard Accessory:



DE-20A standard liquid measuring assembly

### Optional Accessories:



DE-20B anti corrosive liquid measuring assembly



DE-40 printer

### Technical Parameters:

Model	BK-DMH120D	BK-DMH300D
Capacity	0.001~120g	0.005~300g
Density Resolution	0.0001g/cm <sup>3</sup>	0.001g/cm <sup>3</sup>
Density Range	0.0001~99.9999g/cm <sup>3</sup>	0.001~99.999g/cm <sup>3</sup>
Measuring Time	About 5s	
Solid Mode	Measuring Principle	Archimedes principle
	Measurable Items	Density of general non-absorbency solid. Density of porosity materials. Oil length of oil bearing. Porosity of porosity materials. DIN volume abrasion loss of rubber. Powder density. Water absorption rate.
	Specific Gravity	Unibody injection forming professional specific gravity measurement frame Size: 135*50*116mm (L*W*H)
	Measuring Frame Measuring Tank	Unibody injection forming transparent professional measuring tank Size: 169*98*83mm (L*W*H)
	Mixed Material Percentage	Function introduction: Automatically read the percentage of the main material in composite which consist of two materials Setting: Freely set the density value of main material and subordinate material Display: Density value, percentage of main material
Liquid Mode	Measuring Principle	Archimedes principle displacement method
	Weight Value Data Storage	3 groups
	Specific Gravity Measuring Frame	Stainless steel specific gravity measuring frame
	Result Display	Density and Baume value
Result Testing Method	Distilled water testing	
Calibration Mode	Auto correction, auto detection.	
Standard Accessories	Common Use: Tweezer, thermometer, 100G weight, windshield, power transformer. Solid Use: Tank, testing board, a set of particle measuring assembly, a set of floating body measuring assembly. Liquid Use: Measuring plate, measuring frame, DE-20A standard liquid measuring assembly	
Optional Accessories	DE-40 printer, DE-20B anti corrosive liquid measuring assembly	
Power Supply	AC110/220V±10%, 50/60Hz	
Package Size(W*D*H)mm	450*200*360	
Gross Weight(kg)	6.5	