

Solid and Liquid Densimeter



Application:

It is suitable for the field of quality management, cost control, new formula researching and material studying, etc. Any form of solid could be measured. 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:

- * 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.
- * Actual water temperature compensation.
- * RS-232C included.

Technical Parameters:

Model	BK-DME300D	BK-DME600D
Capacity	0.005~300g	0.005~600g
Density Resolution	0.001g/cm ³	
Density Range	0.001~99.999g/cm ³	
Measuring Time	About 5s	
Solid Mode	Measuring Principle	Archimedes principle general solid test method
	Specific Gravity Measuring Frame	Unibody injection forming professional specific gravity measurement frame Size: 176*105*111mm (L*W*H)
	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	1 group
	Specific Gravity Measuring Frame	Stainless steel specific gravity measuring frame
	Memory Mode	Dynamic memory
	Result Display	Density 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	

Precious Metal Tester



Application:

Distinguish K value of gold, PT value of platinum, density value, purity percentage can be measured. Pawning house, bank, jewelry shop, precious-metals recovery, jewelry factory, Gemstone Testing Center, precious metals researching, etc.
Note: Unable to measure sample which is hollow or with inserted gems.

Features:

- * Multi-mode, gold mode, platinum mode, other precious metals mode can be switched.
- * Top and bottom limitation of K value, purity and density of gold. And prompt alarm.
- * Automatic zero tracking, buzzer warning, and overload warning.
- * No damage testing, cleaning and environmental protection.
- * Could be used as precision balance.
- * Function of solution compensation: necessary if liquid other than water is used as a medium for measuring.
- * RS-232C is included.

Technical Parameters:

Model	BK-DMG300K	BK-DMG600K	BK-DMG900K	BK-DMG1200K	BK-DMG2000K
Capacity	0.005~300g	0.005~600g	0.01~900g	0.01~1200g	0.01~2000g
Density Resolution	0.001g/cm ³				
Measuring Time	10~15s				
Measuring Principle	Archimedes principle				
Testing Board	Unibody high-capacity plastic testing board				
Gold Mode	Display K Value	The K value of mixture of gold, silver, and copper; mixture of gold and copper; mixture of gold and silver			
	Display Purity Percentage	The purity content of mixture of gold, silver and copper; mixture of gold and copper; mixture of gold and silver			
	K Value Range	9K~24K			
	Copper and Silver Proportion Setting	Cycle setting depends on user's preference (default 7:3)			
Platinum	Display Value	PT percentage, density value, volume			
	PT Value Range	Pt600~Pt1000			
Measuring Tank	Unibody injection forming transparent professional measurement tank Size: 169*98*83mm (L*W*H)				
Calibration Mode	Auto correction, auto detection.				
Standard Accessories	Tank, testing board, tweezers, thermometer, weight, windshield, power transformer, a set of gold particle measuring assembly				
Option Accessories	DE-40 printer				
Power Supply	AC110/220V±10%, 50/60Hz				
Package Size(W*D*H)mm	450*200*360				
Gross Weight(kg)	6.5	6.5	6.5	6.5	6.5