

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/cm³				
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, tweezer, 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

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