

HBRVS-187.5 Digital Brinell, Rockwell & Vickers Universal Hardness Tester

IDM[®]
instruments



- ✘ With intuitive LCD and Microchip control system, hardness testing is automatically operated.
- ✘ Built-in printer records the main technical data of the entire testing process.
- ✘ Adopting a manual test platform, the unit achieves the realization of imposing test force and hardness value is directly shown.
- ✘ A highly accurate and advanced hardness tester.
- ✘ Easy operation, high sensitivity, reliable

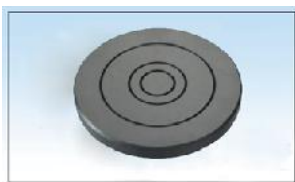
Specification

Description	HBRVS-187.5
Initial test force	98N
Total test force	Brinell test(N): 306、613、1839 Rockwell test(N): 588、980、1471 Vickers test(N): 294、588、980
Hardness test range	Brinell test (8-650)HB Indication accuracy (δ /%): ± 2.5 Indication Repeatability (Hcf /%): ≤ 3.0
	Rockwell test (70-85)HRA (30-100)HRB (20-67)HRC Indication Accuracy: ± 1 HR Indication Repeatability: 0.8HR
	Vickers test (14-1000)HV Indication accuracy (δ /%): ± 2 Indication Repeatability (Hcf /%): ≤ 2.5
Microscope magnification	37.5 \times 75 \times
Hardness reading Indication mode	LCD
Measuring eyepiece	Automatic Digital encoder
Minimum division of Hardness Indication (HR)	0.1
Dwell time (s)	1-60
Maximum height of specimen (mm)	180 (Rockwell) 135 (Vickers, Brinell)
Depth of throat (mm)	140
Dimensions	463 \times 215 \times 700mm
Power supply	AC220V
Light Voltage	5V/5W
Weight	75KGS
Standard Accessories	120 ° /136 ° diamond cone Rockwell and Vicker's indenter, Φ 1.588mm Rockwell ball indenter, Φ 1.588mm spare ball, Φ 2.5, Φ 5mm Brandt carbide ball Brinell indenter, Big, small , V-shaped test units, Second-class standard hardness block (Brinell, Rockwell, Vickers), Weight, Printing paper, Measuring Microscope Accessories

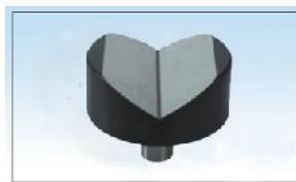
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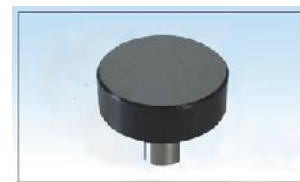
Hardness Tester Accessories



Large Test Table



"V" Test Table



Flat Test Table



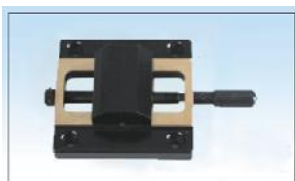
Fine wire test table



XY-stage test table



Diamond Indenter



Fork-shaped test table



Thin specimen test table



Ball Indenter