

Digital Brinell Hardness Tester XHB-3000



XHB-3000 Digital Brinell hardness tester apply the load cell control system, with 0.5‰ accuracy compression sensor to feedback and the CPU control system automatically compensate the test force lost during the testing.

Indentation can be directly measured through digital measuring eyepiece, LCD shows the test force, indentation length, dwell time, test number, date and time on the large screen.

Press eyepiece button can automatically get the hardness value and shows on screen.

Test results can be saved for reviewing or be printed out by the built-in printer, and with RS232 interface for connecting to the computer.

Support optional video measuring device and CCD image automatic measuring system.

Application Range:

Suitable for cast iron, steel products, nonferrous metals and soft alloys etc. Also suitable for some nonmetal materials such as rigid plastics and bakelite etc.

Technical Specification:

Model		XHB-3000
Test Force	kgf	62.5kgf, 100kgf, 125kgf, 187.5kgf, 250kgf, 500kgf, 750kgf, 1000kgf, 1500kgf, 3000kgf
	N	612.9N, 980.7N, 1226N, 1839N, 2452N, 4903N, 7355N, 9807N, 14710N, 29420N
Test Range		8~653HBW
Hardness Reading		LCD Display
Conversion Scale		HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N,
Data Output		Built-in Printer, RS232 Interface
Microscope		20x Digital Measuring Eyepiece
Resolution		1.25μm
Dwell Time		0~60s
Vertical Space		225mm
Throat		135mm
Power Supply		AC220V/50Hz/1Ph, AC110V/60Hz/1Ph
Execute Standard		ISO 6506, ASTM E10-12, JIS Z2243, GB/T 231.2
Dimension		545×235×790mm, Packing Dimension: 650×435×1060mm
Weight		Net Weight: 130kg, Gross Weight: 160kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	20x Digital Measuring Eyepiece	1 pc
Φ2.5mm, Φ5mm, Φ10mm Ball Indenter	each 1 pc	Large Plane Test Table	1 pc
Small Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 150~250 HBW 10/3000	1 pc	Hardness Block 150~250 HBW 5/750	1 pc
Fuse 2A	2 pcs	Power Cable	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy