

ELECTRICAL BRINELL HARDNESS TESTER

DESCRIPTION: -

Brinell hardness with huge test force, the indentation is large, which adapts to test the big size grain metal, reflecting the combination property. Cast iron, steel, ferrous metal especially for rather soft metal, such as pure aluminium, lead, tin etc.



MAIN FUNCTIONS AND FEATURES: -

- Equipped with sophisticated sensors and a microcomputer control system, dynamic force value fluctuation is less than 1/1000, test results are more accurate.
- It possesses the 10 grades test force, it can test 10 Brinell scales, with a wider test range.
- Equipped with high performance of servo motor which automatically load/unload, it cause less noise when do test.
- The outer shell of the machine is formed of special founding one-time casted technique, stable structure, it is not easy to be out of shape, can work under relatively harsh environments.
- With pure white car painting and its class is high, have scratch resistance ability, it's still brightness used for years.
- This machine can connect to portable Brinell image software, improving efficiency.

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TECHNICAL SPECIFICATIONS

Model No.	BHE-3000M	
Brinell scale	HBW2.5/62.5, HBW2.5/187.5, HBW5/125, HBW5/750,, HBW10/100, HBW10/250, HBW10/500, HBW10/1000, HBW10/1500, HBW10/3000	
Test force	62.5kgf(612.9N), 100kgf (980.7N), 125kgf (1226N), 187.5kgf (1839N), 250kgf (2452N), 500kgf (4903N), 750kgf (7355N), 1000kgf (8907N), 1500kgf (14710N), 3000kgf (29420N)	
Minimum unit	0.005mm	
Hardness range	HBW 8-650	
Hardness data read	Check table (hardness measuring software for optional purchase)	
Total amplification	20X	
Load method	Automatic(load, dwell, unload)	
Specimen maximum height allowed	220mm	
Instrument size	530×187×758mm (L×W×H)	Weight : 135kg
Dwell time	1~99S	
Power supply	AC220V + 5%, 50-60 Hz	

STANDARD ACCESSORIES	
Hardness tester : 1 pc	20X measuring objective : 1 pc
Φ2.5,Φ5,Φ10mm harden alloy indenter : 1 pc	Big, medium and "V" test table : 1 pc
Power cable : 1 pc	Hand wrench : 1 pc
Safety fuse : 1 pc	Power line : 1 pc
Accessory box : 1 pc	Dust-proof cover : 1 pc
Annual instruction : 1 pc	Certificate of quality : 1 pc
Warranty card : 1 pc	Hardness conversion table : 1 pc