



MANUAL ELECTRONIC BRINELL HARDNESS TESTER RoboBrinell-3000E

STANDARD

ISO 6506, ASTM E10, GB/T 231.2

RoboTest Electronic Brinell hardness tester eliminate the original weight loaded, adopt closed loop sensor control technology, higher precision and repeatability, stable performance, good appearance, high cost performance, are widely used in the factory workshop and laboratory





FEATURE

- 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 wider test range.
- Equipped with high performance of servo motor which automatically load/unloading, it cause the less noise when do test.
- The outer shell of 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 environment.
- This machine can connect to portable Brinell image software, improving the efficiency.
- 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 aluminum, lead, tin etc.



TECHNICAL SPECIFICATION

Model	RoboBrinell-3000E
Brinell scale	HBW2.5/62.5,HBW2.5/187.5,HBW5/125,HBW5/750,HBW10/100,HBW10/250,HBW10/500,HBW10/1000,HBW10/1500,HBW10/300
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 measuring unit	0.005mm
Measuring range	8~650HBW
Hardness value read	Check table (hardness measuring software for optional purchase)
Total amplification	20X
Load method	Automatic(load, dwell, unload)
Dwell time	1-99S (each step 1 s)
Max. Height allowed	220mm
Throat depth	120mm
Instrument size and weight	530x187x758mm (LxWxH) 135kg
Package size and weight	625x430x950mm (Lx W x H) 149kg
Power supply	AC110V or AC220V + 5%, 50~60 Hz
Standard accessories	Hardness tester; 20X measuring objective;Φ2.5,Φ5,Φ10mm harden alloy indenter ; big, medium and “V” test table; power cable ; hand wrench; safety fuse; power line; accessory box ;dust-proof cover ; manual instruction; certificate of quality ;warranty card ; hardness conversion table, Standard hardness block