

Brinell Hardness Tester HBE-3000AS



Main functions and features:

1. Equipped with precision sensors and CPU microcomputer control system, iqualitrol HBE-3000AS can automatically compensate, and the test results are accurate and stable;
2. With 10-level test force, the test range is wider;
3. After measured the indentation through digital eyepiece, directly obtain the hardness value displays on screen to improve work efficiency;
4. Equipped with a built-in printer, which can analyze and print the measurement data.
5. The shell is cast at one time, the structure is stable and does not deform, and can work in a relatively harsh environment;
6. This machine can be equipped with Brinell image measurement software (option), which greatly improves work efficiency;

Technical Specifications:

Model	HBE-3000AS
Brinell Scales	HBW2.5/62.5, HBW2.5/187.5, HBW5/62.5, HBW5/125, HBW5/250, HBW5/750, HBW10/100, HBW10/250, HBW10/500, HBW10/1000, HBW10/1500, HBW10/3000
Loading 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)
Loading Control	Automatic (Loading/Dwell/Unloading)
Specimen Height	Max 220mm
Resolution	0.001mm
Dwell Time	0~60s
Hardness Range	3.18~653HBW
Digital Eyepiece	Built-in illumination, can clearly observe indentation to measure diameter
Total Magnification	20X
Test standards	EN ISO 6506, ASTM E-10-08, GB/T231.2, JIG150 -2005
Throat depth	135mm
Indenter to upper wall	55mm (support customized)
Hardness reading	After calculated indentation diameter, then input to screen to get hardness
Data output	Built-in Printer
Power Supply	AC220 \pm 5%,50~60Hz
Dimension	520*210*745mm
Net Weight	120kg