

LHB-3000A Electronic Brinell Hardness Tester



Functions & Features

- Closed loop sensor, the electronic automatic loading system.
- Ten levels testing forces.
- High precision, high repeatability and stability, easy operation.

Application Areas

Widly used in Industries: Metallurgy, Metrology, Building materials, Research Institutes, Hardening shops, Automotive, Railway, Energy, Steel, Aviation, Roller plants, Tube rolling mills, Foundries.

Application Materials

Cast Iron, Non-ferrous Metals and Alloys, various annealed/ quenched/ tempered Steels, especially for soft Metals such as pure Aluminum, Lead, Tin and so on.

Technical Parameters

Model	LHB-3000A
Measuring Range	8~650HBW
Brinell Scale	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
Testing Force	62.5kgf(612.9N)、100kgf (980.7N)、125kgf (1226N)、187.5kgf (1839N)、250kgf (2452N)、500kgf (4903N)、750kgf (7355N)、 1000kgf (9807N)、1500kgf (14710N)、3000kgf (29420N)
Max Height of Specimen	240mm
Min Measuring Unit	0.005mm
Duration time	5~60s
Magnification of Microscope	20X
Carried Standard	EN ISO 6506, ASTM E10, GB/T231.2, JJG150
Distance of Indenter to outer wall	145mm
Power supply	AC220+5%,50~60Hz
Overall Dimension (mm)	550*250*780mm
Main body Weight	About 140kg

Standard Accessories

Name	Quantity	Name	Quantity
Main Unit	1	Accessory Case	1
Portable microscope (20X)	1	Diameter ϕ 2.5、 ϕ 5、 ϕ 10 mm Ball Indenters	3
HBW/3000/10, HBW/1000/10, HBW/187.5/2.5	3	Large, Medium, "V" shaped Testing Table	3
Diameter fastening screw	1	2A Fuse	1
Power Cable	1	Dust proof covering	1
HB Reference table	1	Manual ,Certificate, Warranty card	1