

## Electronic Brinell Hardness Tester LHB-3000A



### Functions & Features

- LHB-3000A is the closed loop sensor loading, the electronic automatic loading system.
- 10 levels test force.
- The machine has high precision, high repeatability and stability, easy operation.

### Application Areas

Metallurgy, metrology , Building materials, research institutes ,hardening shops, stainless steel, automotive, railway, energy, steel, aviation , roller plants, tube rolling mills, foundries.

### Application Materials

Cast iron, non-ferrous metals and alloys, various annealed, quenched and tempered steels, especially for softer metals such as pure aluminum, lead, tin and so on.

## Technical Parameters

<b>Model</b>	<b>LHB-3000A</b>
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 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 6507, EN ISO 6506, ASTM E-384, ASTM E-10-08, ASTM E-384 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
Diamond Rockwell Indenter	1	1/16 Ball Indenter	1
Hardness block (HRC , HRA, HRB )	5	Large, Medium, "V" shaped Testing Table	1 each
1/16 Ball	1	Plastic Dustproof cover	1
Operation Manual	1	Product Certificate	1