

## LHB-3000D Digital Brinell Hardness Tester



## Functions & Features

- Closed-loop sensor, electronic control system.
- With 10-level test force.
- Keyboard to select test method, and convert between various of hardness scales.
- The data of operation process and test result can be displayed on the LCD large screen.
- The data of the test result can be output by the printer.
- With built-in printer. Manual Turret.

## Application Areas

Widely 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

<b>Model</b>	<b>LHB-3000D</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 (14710N)、 3000kgf (29420N)
Max Height of Specimen	220mm
Min Measuring Unit	0.0625um
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 150kg

## Standard Accessories

Name	Quantity	Name	Quantity
Main Unit	1	Accessory Case	1
Measurement microscope (20X)	1	Diameter $\phi$ 2.5、 $\phi$ 5、 $\phi$ 10 mm Steel Ball Indenter	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
Paper for printer	1	Manual ,Certificate, Warranty card	1