

Brinell Hardness Tester SHB-3000B with 5 Steps Loading Force



Characteristic:

- Electronic communication switch.
- Solid construction, good rigidity, precise, reliable, durable, high efficiency.
- High precision reading microscope measurement system.
- Widely used in quality control, strong adaptability to working environment.
- In line with GB/T231.2, ISO 6506-2, ASTM E10.

Application:

Testing Brinell hardness of ferrous, non-ferrous metal and bearing alloy materials. Wide application range, especially used in precision measurement of parallel plane. What's more, measurement of curved surface is stable and reliable.

Specifications:

Product Name		Brinell Hardness Tester
Model		SHB-3000B
Test Force	Kgf	187.5Kgf, 250Kgf, 750Kgf, 1000Kgf, 3000Kgf
	N	1839N, 2452N, 7355N, 9800N, 29400N
Measuring Range		(8-450) HBS, (8-650) HBW
Hardness Display		Check the table of Brinell Hardness scale
Microscope		Analogue 20x Microscope
Max height of Specimen		230mm
Instrument Throat		120mm
Dimension		700 x 268 x 842mm
Gross/Net Weight		240Kg/210Kg
Execution Standard		GB/T231.2, JJG150, EN-ISO 6506, ASTM E10-12, JIS Z2243
Accuracy of Brinell hardness testing		
Hardness Range	Max Tolerance	Repetition
HBW ≤ 125	± 3.5 %	≤ 3.5 %
125 < HBW ≤ 225	± 2.5 %	≤ 3.0 %
HBW > 225	± 2.0 %	≤ 2.5 %

Standard Delivery:

Instrument Main body	Ø10mm Ball Indenter	Ø200mm Flat anvil
Analogue 20x Microscope	Ø5mm Ball Indenter	Ø60mm Flat anvil
Hardness Block	Ø2.5mm Ball Indenter	Ø40mm V-shape Anvil
Hardness Block	Power Cable	Accessories Box
Anti-dust Cover	Operation Manual	Qualified Certificate