

Brinell Hardness Tester HB-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 | | HB-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 | ∅10mm Ball Indenter | ∅200mm Flat anvil |
| Analogue 20x Microscope | ∅5mm Ball Indenter | ∅60mm Flat anvil |
| Hardness Block | ∅2.5mm Ball Indenter | ∅40mm V-shape Anvil |
| Hardness Block | Power Cable | Accessories Box |
| Anti-dust Cover | Operation Manual | Qualified Certificate |