

PORTABLE HYDRAULIC BRINELL HARDNESS TESTER

The Brinell portable hardness tester is a lightweight, full load (3000kg) instrument capable of accurately testing a large variety of metal specimen. The testers portability allows it to be used in any plane, conventionally for full load (3000Kg), in-situ Brinell testing of large components.

Model: **PHB-3000**

- On-site application / testing
- It could be applied in workshop
- Easy carrying around
- Ease of use
- Checking Hardness in Larger parts



Test Method:

Permanent indentation marked by 3000kgf with 10mm diameter carbide ball. The inspection is highly reliable as it follows the BRINELL hardness test method that complies with ISO and ASTM standards. It reflects the actual mechanical properties of material or parts the same as the desk top tester. The indentation will be inspected with a 20X reading microscope.

Technical Parameter

Test Force: 3000kgf **Test Ball:** 10mm Carbide Ball **Test Range:** 32 – 650 HBW

Opening Dimension: 350mm (Height) x 100mm (Throat Depth)

All permissible errors are compliance with ISO6506 and ASTM E10

Packaging Dimension: 72x45x42cm Gross Weight: 22kg

Standard Accessories

- Main unit
- 10mm Brinell ball
- Flat, Spot and V-anvils
- Brinell hardness block
- 20X reading microscope
- 10mm spare ball



20X reading
microscope

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