



## PORTABLE BRINELL HARDNESS DUROMETER BD – 3000

### STANDARD

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ISO 6506 and ASTM E110

RoboTest BD-3000 is a manual controlled Brinell hardness Durometer. This lightweight portable durometer is suitable for any size or shape of metal specimen. Just put the sample between the anvil and test head; manually crank the test head downward onto the specimen; and apply the load using the hydraulic lever.

The tester applies 3000 kg load on a 10mm ball, making a visible indentation that is read using a Brinell scope





## FEATURES

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- BD-3000 is a portable Brinell hardness tester. It has a hydraulic system and the test force is applied by means of a handle;
- BD-3000 condition is applying 3000kg test force on a 10mm carbide indenter. It can result in permanent indentations for reinspection. The test condition meets the requirements of ISO 6506 and ASTM E110

## TECHNICAL SPECIFICATION

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Product Name	Portable Brinell Durometer
Testing Force	3000kg (500kg, 750kg, 1000kg, and 1500kg available)
Indenter	Φ10mm carbide ball indenter (Φ 5mm available)
Testing Range	8-650HBW (Expendable to 28-650HBW)
Max. Specimen Height	320mm
Throat Depth	100mm
Accuracy	Complies with ISO 6506
Repeatability	Complies with ISO 6506
Net Weight	13.8kg



## SCOPE OF SUPPLY

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Product Name	Product Name	Product Name
Instrument Main Body	Hexagon Wrench	Flat Anvil
Hardness Block HBW/3000/10	V-shaped Anvil	Hemispherical Anvil
Hardness Block HBW/750/05	20X Measuring Microscope	Brinell Hardness Table
Φ10mm Spare Carbide Ball Indenter	Instrument Manual	Qualified Certificate