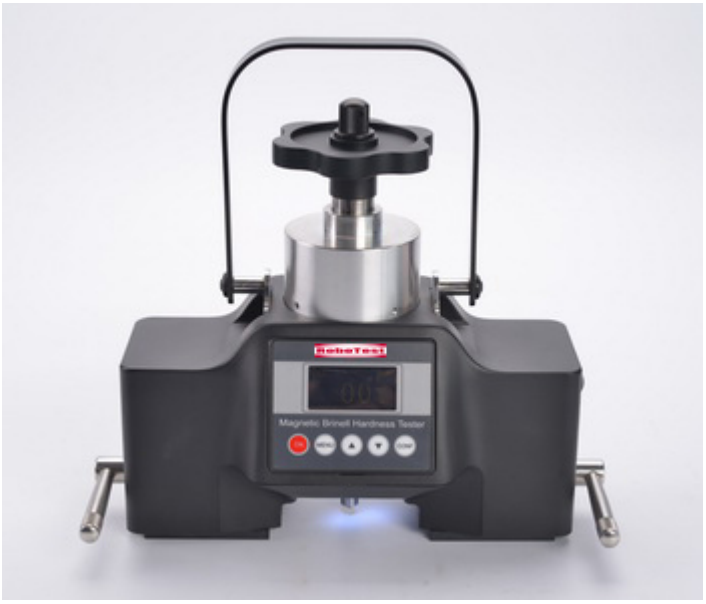
DIGITAL MAGNETIC BRINELL HARDNESS TESTER
PHB – 200

STANDARD

GB/T231.2, ASTM E10, ISO6506.2



PHB-200 uses magnetic chucks, fix the Brinell Hardness Tester on the specimen surface and finish testing. It is completely based on the Brinell test principle, and the test method complies with GB/T231.2, ASTM E10, ISO6506.2.

Being used together with the Brinell Indentation Measurement System, it can be applied to quick and precise test of specimen's Brinell hardness on site. PHB-200 can be used to test the steel parts that too large or too heavy, steel plate, pipe, mould, weld joint on boilers, pressure vessels and pressure pipes.

The PHB-200 tester could replace the Leeb hardness tester which is in low accuracy and reliability.

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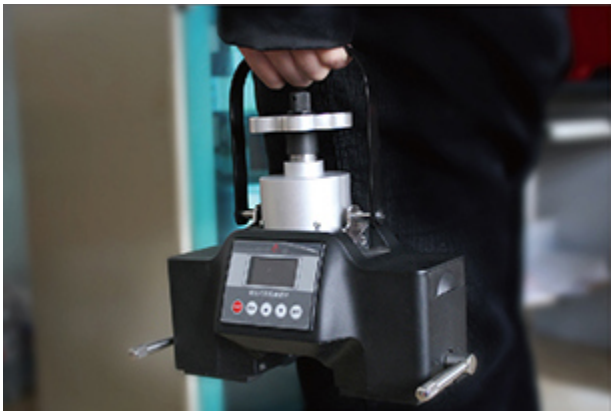
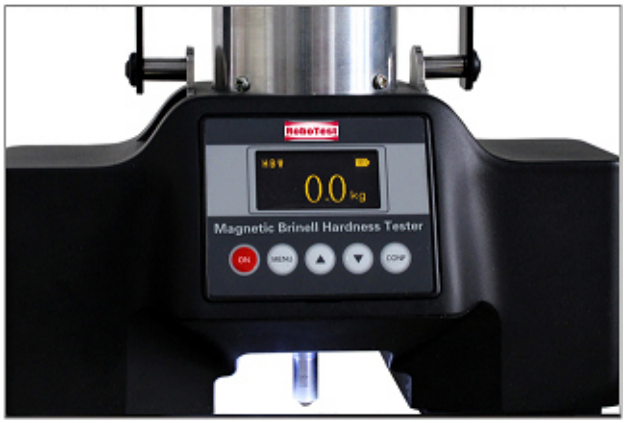
FEATURES

- **High Reliability**: It follows the Brinell hardness test method completely, the same as desktop testers, reflecting the actual mechanical property of material or parts.
- **Small and Convenient:** The tester has a weight of only 5.1kg, being the smallest Brinell Hardness Tester in Industry so far.
- **Design of Light:** The light on the test point brings much convenience for observing test procedure.
- **Digital Display Function:** The tester applies digital display technology to show the force value and other operating information.





TECHNICAL SPECIFICATION

Name	Digital Magnetic Brinell Hardness Tester
Test Force	187.5 kgf
Test Force Error	≦±1% Complies with GB/T231.2,ASTM E10, ISO6506.2
Indenter	2.5mm test ball
Test Range	100-650HBW
Indication Error	Complies with GB/T231.2,ASTM E10,ISO6506.2
Indication Repeatability	Complies with GB/ T231.2,ASTM E10, ISO6506.2
Operating Temperature	5-45℃
Test Piece Surface	Flat: Area ≧195× 60mm Thickness ≧5mm Cylinder: Diameter ≧60mm Length ≧200mm Thickness ≧8mm
Nominal Dimension	Length 245mm × Width 105mm × Height 238mm
Weight	5.1 Kg

STANDARD PACKAGE

Tester

2.5mm Ball Indenter

Brinell Hardness Block(2 pieces)

40X Reading Microscope

Recharger

Battery Box

Seat Iron