



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

MAGNETIC ROCKWELL HARDNESS TESTER



- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*

BHR-100

**DESCRIPTION:**

Fix Rockwell test head to the surface of iron and steel parts to test the hardness by applying magnetic force. Follow Rockwell hardness test method completely and the test condition complies with standard of ISO 6508 and ASTM E 18.

The magnetic Rockwell hardness tester is mainly applied in on-site quick test body hardness of steel parts.

Test hardness of steel plate, pipe, axis, mould, huge forgings and huge and medium-size heat treatment parts if surface available.

Test hardness of weld joint in boiler, pressure vessels, and pressure pipes.

Replace low accurate and reliable Leeb hardness testers.

FEATURE:

- Convenient to Use: Attach to one side of part to test, no need to move it.
- NDT Testing: Quick, convenient, no damage test.
- Reading Scale: Similar reading system as micrometers, easy to read, and good repeatability.
- High Accuracy: Rather high accuracy, complying with ISO6508 and ASTM E18.

TECHNICAL SPECIFICATIONS:

Model No.	BHR-100
Initial Test Force for Rockwell	10kgf
Total Test Force	60kgf, 100kgf, 150kgf
Test head	120°diamond indenter, 1.588mm carbide, ball indenter
Indication Error	Comply with ISO 6508 and ASTM E 18
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Testing Resolution	0.5 HR
Weight	4.7 Kg
Surface: Flat	Area ≥ 180 mm x 60 mm, Thickness: ≥ 5 mm
Cylinder	Diameter ≥ 60 mm Length ≥ 200 mm, Thickness ≥ 8 mm

STANDARD ACCESSORIES:

- Tester
- Diamond Cone Indenter
- Carbide Ball Indenter
- Standard Hardness Block
- Adapter
- Seat Iron