MAGNETIC ROCKWELL HARDNESS TESTER

This digital Rockwell hardness tester follows the Rockwell hardness test principle, and complies with relevant regulations of ISO6508, and ASTM E18 standards.
The digital portable hardness tester is mainly applied to test too large or heavy iron and steel parts for the desk testers.
This digital hardness tester is also used to test the hardness of steel parts, bearings, moulds; large and medium-sized heating parts.

BHR-200

PRINCIPLE & APPLICATION: -

- By means of magnetic attraction force, the tester can be mounted on the steel part to be tested. Its Brinell Hardness Test method and test conditions meet the requirement of standards ASTM E110 and ISO6506-2.
- Designed for rapid and accurate Brinell hardness test in the field , in combination with the MS-1 Brinell Indentation measurement system.
- Suitable for large or heavy steel parts that cannot be tested with bench hardness tester .
- Suitable for steel plates, steel pipes, mould, dies and other heat treated parts.
- Suitable for testing welding lines of boilers, pressure, vessels and pressure pipes.
- Alternative for Leeb Hardness Testers with lower accuracy and reliability.

STANDARD ASSEMBLY: -

- Tester
- Seat Iron
- 2.5 mm carbide ball indenter
- Test Blocks (2)
- 40x reading microscope
- Recharger

FEATURES: -

- High Reliability
- Wide Test Range
- Design of Light
- Digital Display Function
- Traceable Calibrated Block

TECHNICAL SPECIFICATION	
Initial Test Force	10kgf
Total Test Force	60 kgf, 100 kgf, 150 kgf
Testing Resolution	0.1 HR
Testing Range	20~88HRA, 20~100 HRB, 20~70 HRC
Indication Error	Comply with ISO 6508 and ASTM E18 standards
Repeatability Error	Comply with ISO 6508 and ASTM E18 standards
Test Force Error	≤ ± 1%
Operating Temperature	0 ~50℃
Dimension	Flat : Area ≥ 195mm x 60 mm, Thickness:≥ 5 mm
Cylinder	Diameter ≥ 60 mm Length ≥ 200 mm, Thickness ≥ 8 mm