



DIGITAL MAGNETIC BRINELL AND ROCKWELL HARDNESS TESTER PHBR-200

STANDARD

ISO 6506.2, 6508.2 and ASTM E10, E18, E103

Digital Magnetic Brinell and Rockwell hardness tester PHBR-200 can make accurate Brinell hardness test with conventional indentation method of ISO 6506.2 and ASTM E 10. It can also make rapid Brinell hardness test with depth-measuring method of ASTM E 103 and read hardness value directly. At the same time it can also perform Rockwell hardness test according to Rockwell hardness testing method in ISO 6508.2 and ASTM E 18. These functions can meet the demand of precise and rapid Brinell hardness testing on-site of large steel and iron parts.

Simplified operation of Rockwell hardness and depth-measuring Brinell hardness.

This instrument stores a library of depth curve made from hardness blocks. It also stores several Brinell curves of common materials. Advanced curve correction methods can be used to test a variety of special materials.

This instrument can check and calibrate the accuracy on-site by precise indentation method at any time.





FEATURES

- **High Reliability:** With advanced imported sensors as well as high integration, high stability electronic components to keep the high reliability of the hardness tester.
- **Brinell and Rockwell Function:** One hardness tester with Brinell and Rockwell functions can meet the demands of most manufacturing users.
- **High efficiency Depth Measuring Methods:** It can make rapid Brinell hardness test with depth-measuring method of ASTM E 103, and read hardness value directly.
- **On Site Testing:** Can be carried for onsite testing. Total weight 5.3kg of the tester, it is the smallest and lightest Magnetic Digital Brinell and Rockwell hardness tester so far.

TECHNICAL SPECIFICATION

Name	Digital Magnetic Brinell and Rockwell Hardness Tester
Initial Force	10 kg
Total test force	60Kg,100Kg,150Kg, 187.5kg
Testing Range	20~88HRA, 20~100 HRB, 20~70 HRC, 150~ 400 HBW
Test Resolution	0.1 HR or 1 HBW
Indicator Error	Complies with ISO and ASTM
Repeatability Error	Complies with ISO and ASTM
Test Force Error	$\leq \pm 1\%$, Comply with ISO and ASTM standards
Operating Temperature	5 ~45°C



STANDARD PACKAGE



Tester



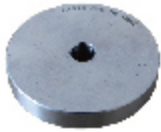
120°Diamond Indenter



Ball Indenter



Brinell Hardness Block



Rockwell Hardness Block



Iron Seat



Recharger



Battery Box