



DIGITAL MAGNETIC ROCKWELL HARDNESS TESTER PHR – 200

STANDARD

ISO 6508 and ASTM E18

PHR-200 is an excellent product design with high-accuracy sensor and unique distance measuring technology. It is fixed onto the surface of an iron and steel part with magnetic chucks. It follows the Rockwell Hardness Test Principle and complies with relevant regulation of ISO6508 and ASTM E18 standards.

Test the hardness of steel parts, bearings, moulds, large and medium-sized heating parts.





FEATURES

- **High Reliability:** With advance sensors as well as high integration, high stability electronic components to keep the high reliability of the hardness tester.
- **Wide Test Range:** Test by absorbing to iron and steel parts and it can finish the test by unilaterally touching the parts. It can test any kind of dimension especially steel tubes and weld on pipes. Test a large batch of parts piece by piece on site.
- **Design of Light:** Test point with lighting, convenient to observe the test process.
- **Digital Display Function:** Adopt digital display technology to show test force and other information on LED display of hardness tester, it is convenient to operate.

TECHNICAL SPECIFICATION

Name	Digital Magnetic Rockwell Hardness Tester
Initial Test Force	10kgf
Total Test Force	60 kgf, 100 kgf, 150 kgf
Test Range	20~88HRA, 20~100 HRB, 20~70 HRC
Test Resolution	0.1 HR
Indication Error:	Comply with ISO 6508and ASTM E18 standards
Repeatability Error	Comply with ISO 6508 and ASTM E18 standards
Test Force Error	$\leq \pm 1\%$
Operating Temperature	0 ~50°C
Dimension	Flat : Area $\geq 195\text{mm} \times 60 \text{ mm}$ Thickness : $\geq 5 \text{ mm}$ Cylinder: Diameter $\geq 60 \text{ mm}$ Length $\geq 200 \text{ mm}$ thickness $\geq 8 \text{ mm}$



STANDARD PACKAGE



Tester



Diamond Cone Indenter



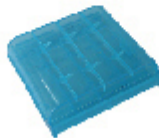
Carbide Ball Indenter



Standard Hardness Block



Recharger



Battery Box



Seat Iron