

## Magnetic Digital Portable Hardness Tester PHR-200 with Resolution 0.1HR



By equips with high-accuracy sensor and unique distance measuring technology, PHR-200 can get higher test accuracy than other portable hardness testers.

It is fixed onto the surface of a iron and steel part smartly with magnetic chucks. This digital Rockwell hardness tester follows the Rockwell hardness test principle, and complies with relevant regulations of ISO6508, and ASTM E18 standards.

### Technical Data:

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

### Application:

- to test large or heavy iron and steel parts;
- to test the hardness of steel parts, bearings, moulds
- large and medium-sized heating parts.
- Replace inaccurate and unreliable leeb hardness tester

### 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.
- ▶ 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 dimension parts, especially steel tubes and weld on pipes.
- ▶ 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.
- ▶ Traceable Calibrated Block It permits customer to calibrate the tester with a standard block at any time.

### Standard Assembly

