



## MAGNETIC ROCKWELL HARDNESS TESTER PHR – 100

### STANDARD

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#### ISO 6508 and ASTM E18

PHR-100 follow Rockwell hardness test method and the test condition complies with ISO 6508 and ASTM E 18.

PHR-100 is suitable to measure hardness of steel plate, pipe, axis, mould, huge forgings and huge and medium-size heat treatment parts, if surface available. It can also test hardness of weld joint in boiler, pressure vessels and pressure pipes. This is most suitable replacement for less accurate and unreliable Leeb Hardness Testers.





## FEATURES

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- **Convenient to Use:** Very simple to operate, just attach to one side of specimen to test and conduct the test.
- **NDT Test:** Quick, convenient and no damage to specimen
- **Reading Scale:** Similar reading system as micrometers, easy to read, and good repeatability.
- **Highly Accurate:** high accuracy, complying with ISO6508 and ASTM E18.

## TECHNICAL SPECIFICATION

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Name	Magnetic Rockwell Hardness Tester
Initial Test Force	10kgf
Total Test Force	60 kgf, 100 kgf, 150 kgf
Indenter	120°diamond indenter, 1.588mm carbide ball indenter
Resolution	0.5 HR
Indication Error:	Comply with ISO 6508 and ASTM E18 standards
Repeatability Error	Comply with ISO 6508 and ASTM E18 standards
Weight	4.7 kg
Surface	Flat : Area $\geq$ 180mm x 60 mm Thickness : $\geq$ 5 mm Cylinder: Diameter $\geq$ 60 mm Length $\geq$ 200 mm thickness $\geq$ 8 mm



## SCOPE OF SUPPLY

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Tester



Diamond Cone Indenter



Carbide Ball Indenter



Standard Hardness Block



Adapter



Seat Iron