

PORTABLE ROCKWELL HARDNESS TESTER PHR Series

STANDARD

ISO 6508 and ASTM E18

PHR series portable Rockwell hardness testers comply with the basic designing principles of Rockwell hardness testing in accordance with ISO6508 and ASTM E18.

The hardness values can be read directly from Rockwell hardness testers after rapid and accurate operations. It can be considered as a non-destructive testing with very small indentations. This kind of testers can be used at site to test the finished or semi-finished work pieces piece by piece in batches. Rockwell hardness testers are mostly applied in the metal-processing enterprises.



PHR-1



PHR-2



FEATURES

- **Small and Light:** The tester is small and light, weight is only 0.8kg
- **Simple Operation:** Operation is as simple as micro-meter.
- **Convenient:** It can be used on table or in hand
- **High Reliability:** Designed according to Rockwell hardness test method.
- **Highly Accurate:** As accurate as benchtop testers. Complying with ISO6508 and ASTM E18.

TECHNICAL SPECIFICATION

Name	Portable Rockwell Hardness Tester
Initial Test Force	10kgf
Total Test Force	60 kgf, 100 kgf, 150 kgf
Test Head	120°diamond cone indenter, 1.588mm hard alloy ball
Test Resolution	0.5HR
Test Range	HRA,HRB,...HRV etc,15 scales
Indication Error:	Comply with ISO 6508 and ASTM E18 standards
Repeatability Error	Comply with ISO 6508 and ASTM E18 standards
Application Range	Common metal including iron and steel, Cu, Al, Ni, Ti, Pb, carburized layer and hard alloy, etc.



STANDARD PACKAGE



Tester



Bench Stand



Diamond Cone Indenter



Carbide Ball Indenter



Flat Anvil



V Anvil



Standard Hardness Block



Extension



Magnifier



Carrying Case

MODEL SELECTION

Model	Opening Size W X D (mm)	Net Weight		Gross Weight	
		Tester	Bench S stand	Tester	Bench S Stand
PHR-1	25 X 25	0.8	1.5	2.8	1.8
PHR-2	50 X 50	1.2	1.5	3.7	1.8