



## PORTABLE SUPERFICIAL ROCKWELL HARDNESS TESTER PSHR Series

### STANDARD

#### ISO 6508 and ASTM E18

PSHR series portable superficial 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 the superficial Rockwell hardness tester after rapid and accurate operations. It can be considered as a non-destructive testing with very small indentations. This kind of tester can be used at site to test the finished, semi-finished work pieces piece by piece in batches. Superficial Rockwell hardness tester is mostly applied in the metal-processing enterprises.



PSHR-1S



PSHR-1ST



PSHR-2S



## FEATURES

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- **Simple Operation:** Operation is as simple as micro-meter
- **Convenient:** It can be used at desk as well on site.
- **Anvil:** Test tin plate and cold-rolled sheet with diamond raised spot anvil.
- **Wide Test Range:** Test thin plate, shaft, small ball and so on.
- **Highly Accurate:** As accurate as desktop testers. Complying with ISO6508 and ASTM E18.

## TECHNICAL SPECIFICATION

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Name	Portable Superficial Rockwell Hardness Tester
Initial Test Force	3kgf
Total Test Force	15 kgf, 30 kgf, 45 kgf
Indenter	120°diamond cone Φ1.588mm carbide ball
Accuracy	Meets the requirements of ISO6508, ASTM E18
Resolution	0.5HR
Test Range	HRN, HRT, HRW, HRX, HRY,etc.15 scales.
Application Range	All metals including iron, steel copper, aluminum, zinc, lead, tin, carburized steel, nitride steel etc.

## STANDARD PACKAGE

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Tester



Bench Stand



Diamond Cone Indenter



Carbide Ball Indenter



Flat Anvil



V Anvil



Standard Hardness Block



Extension



Magnifier



Carrying Case

## MODEL SELECTION

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Model	Opening Size W X D (mm)	Net Weight		Gross Weight	
		Tester	Bench S stand	Tester	Bench S Stand
PHR-1S	25 X 25	0.8	1.5	2.6	1.8
PHR-2S	50 X 50	1.1	1.5	3.6	1.8
PHR-1ST	Dia>4.8	0.8	1.5	2.0	1.8