

## C-Shape Rockwell Hardness Tester PHR Series

**Hoyamo**

**PHR-4-3**



## Structure And Application

- It is a small, light, accurate portable hardness tester.
- It consists of C-shape frame, screw arbor, and test head.
- It could test flat or curve parts as long as the parts could be clamped and the test surface erects the test head.
- It could be applied in production inspection and acceptance inspection to replace low accurate Leeb hardness tester.

## Features

- Follow Rockwell hardness test method and test condition, and the result is reliable.

- Fix the instrument to part and clamp it and test the hardness of part, no need to move the part.
- Test fast, convenient, non-destructive.
- Structure as simple as micrometer, accurate, convenient, repeatable.
- As accurate as desk tester, error less than 1.5HRC.

## Application Instruction

- Compared with small type, C-shape type applies part clamping structure and similar reading system as micrometer, so it is prior to small type for its good stability, repeatability, accuracy.

## Technical Specifications

Model	PHR-4-3	PHR-8-4	PHR-8-10	PHR-20-12
Code#	812-143	812-163	812-173	812-183
Opening Size	100 x 75mm	200 x 200mm	200 x 250mm	500 x 300mm
Initial Test Force	10 kgf			
Total Test Force	60 kgf, 100 kgf, 150 kgf			
Test Head	120°Diamond Indenter			
	1.588 mm carbide alloy ball			
Testing Resolution	0.5HR			
Indication Error	Complying with ISO6508,ASTM E18 standards			
Repeatability Error	Complying with ISO6508,ASTM E18 standards			
Test Range	HRA, HRB, HRC...HRV etc, 15 scales.			
Dimension	510x380x180mm	710x470x200mm	720x650x230mm	1020x760x240mm
Weight/ Weight/ Gross Weight	2.2 kg/8.5 kg	4kg/10.7kg	5.5 kg/14.2kg	7.8 kg/21kg
Application Range	Common metal including iron and steel, copper, aluminum			

## Standard Delivery

Instrument Main Body	-----	Rockwell Hardness Block	812-641
120° Diamond Indenter	812-401	1.588 mm Carbide Alloy Ball Indenter	812-411
V Anvil	-----	Flat Anvil	-----
Carrying Case	812-901	Operation Manual	-----
Warranty Card / Qualified Certificate	-----	Packing List	-----