

PHR-1 Portable Rockwell Hardness Tester



GENERAL DESCRIPTION

PHR series portable Rockwell hardness tester complies with the basic designing principles of Rockwell hardness testing in accordance with international standard ISO6508, American Standard ASTM E18 and ASTM E110. The hardness values can be read directly from the 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.

FUNCTION AND FEATURES

- Small and Light: The tester is small and light. This tester weighs about 2lbs.
- Simple Operation: Simple to use like a micrometer.

TECHNICAL PARAMETERS

Initial test force: 10kgf

Total test force: 60kgf,100kgf,150kgf

Test head: 120°diamond cone indenter, 1.588mm hard alloy ball

Indication error: Complying with ISO 6508 and ASTM E18

Repeatability error: Complying with ISO6508 and ASTM E18

Test resolution: 0.5HR

Test range: HRA,HRB,HRV, etc (15 scales)

Application range: Common metal including iron and steel, Cu, Al, Ni, Ti, Pb, carburized layer and hard alloy, etc.

Package of PHR-1 Portable Rockwell Hardness Tester

Standard Package



Tester



Bench Stand



Diamond Cone Indenter



Carbide Ball Indenter



Flat Anvil



V Anvil



Standard Hardness Block



Extension



Magnifier



Carrying Case