

PHBR-16 Chain Clamp Brinell and Rockwell Hardness Tester



GENERAL DESCRIPTION

The PHBR series portable Brinell & Rockwell hardness testers are designed and developed based on the PHR series testers according to Brinell and Rockwell hardness testing methods. The test principle, test conditions and test accuracy are all up to the international standard ISO 6508/6506. The PHBR series hardness tester can work as both Rockwell hardness tester and Brinell hardness tester. They can solve most of the hardness testing problems in the industry. HBR series Brinell & Rockwell hardness testers have a higher testing accuracy. The test results meet most requirements of product standard or drawings and can be well accepted in international trade.

FUNCTION AND FEATURES

- Brinell and Rockwell: Combined Brinell and Rockwell test functions in one instrument.
- Wide Application: Different modes and anvils are available for parts in various sizes and shapes.

TECHNICAL PARAMETERS

Rockwell initial test force : 10Kg

Rockwell total test force: 60Kg,100Kg,150Kg

Brinell test force: 62.5Kg,125Kg,187.5Kg

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

Brinell test ball: 2.5mm, 5mm hard alloy ball

Indicator Error: Complies with ISO and ASTM.

Repeatability Error: Complies with ISO and ASTM.

Test resolution: Rockwell 0.5HR, Brinell 0.005mm(indentation diameter)

Test range: Rockwell HRA, HRB, HRC, Brinell 16-650HBW

Application range: Rockwell for products or semi finished products of common metals,including steel, copper, aluminum, carburized layer, hard alloy, etc.Brinell for castings, forgings, steel raw materials, non-ferrous metal.

Package of PHBR-2 Portable Brinell and 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



40x Reading
Microscope