PHBR-16 Chain Clamp Brinell and Rockwell Hardness Tester

GENERAL DESCRIPTION

PHBR series Chain Clamp Brinell & Rockwell Hardness Tester are designed and developed based on the PHR series Rockwell Hardness testers and follows the test method of the Brinell and Rockwell hardness test and function as both Brinell & Rockwell hardness tester. which can tests accurately the castings, forgings, steels and nonferrous metal and work pieces made of all kinds of metal materials under kinds of heat treatment on-site. The test principle and accuracy comply with standard ISO 6506, 6508 and ASTM E110. So it is usually Used for manufacturing inspection and acceptance inspection.

FUNCTION AND FEATURES

- On-site Testing: Testing the hardness of large pipes and shafts accurately on-site.
- Anvils: Testing various dimensions and shapes of the workpiece by using different anvils.
- Application: Chain fastened around the workpiece before the force is applied.

TECHNICAL PARAMETERS

Rockwell Initial Test Force: 10kgf
Rockwell Total Test Force: 60kgf, 100kgf, 150kgf
Brinell Test Force: 62.5kgf, 125kgf, 187.5kgf
Force Applying Method: By Screw
Indenter: 120°diamond cone
Φ1.588mm carbide ball
Φ2.5mm, Φ5.0mm carbide ball
Accuracy: Meets the requirements of ISO 6506, 6508, ASTM E 110
Resolution: 0.5HR
0.01mm for Brinell hardness (indentation diameter)
Testing Range: HRA, HRB, HRC, etc. 15 scales.
Brinell hardness 8-650HBW
Application: Rockwell used for all metals including iron, steel copper, aluminium, etc.

Package of PHBR-16 Chain Clamp Brinell and Rockwell Hardness Tester

Standard Package

Tester

120° Diamond Cone Indenter

Carbide Ball Indenter

Rockwell Test block

Brinell Hardness Block

40X Reading Microscope

Flat Anvil

V Anvi

Wrench

Spare Magnifier

Carrying Case