



## CHAIN CLAMP BRINELL AND ROCKWELL HARDNESS TESTER PHBR-16

### STANDARD

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#### ISO 6506, 6508 and ASTM E110

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 heat treatment on-site. The test principle and accuracy comply with standard ISO6506, 6508 and ASTM E110. So it is usually used for manufacturing inspection and acceptance inspection to replace Leeb hardness tester which has lower accuracy.





## FEATURES

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- **Brinell and Rockwell Function:** One hardness tester with Brinell and Rockwell functions can meet the demands of most manufacturing users.
- **On Site Testing:** Can be carried for onsite testing.
- **Anvils:** Testing various size and shapes specimen by using different anvils

## TECHNICAL SPECIFICATION

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Name	Chain Clamp Brinell and Rockwell Hardness Tester
Rockwell Initial Force	10 kg
Rockwell total test force	60Kg,100Kg,150Kg
Brinell Test Force	62.5kgf, 125kgf, 187.5kgf
Force Applying Method	By Screw
Indenter	120°diamond cone, $\Phi$ 1.588mm carbide ball, $\Phi$ 2.5mm, $\Phi$ 5.0mm 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, aluminum, etc.

SCOPE OF SUPPLY

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Tester



120° Diamond  
Cone Indenter



Carbide Ball Indenter



Rockwell Test block



Brinell Hardness Block



40X Reading Microscope



Flat Anvil



V Anvil



Wrench



Spare Magnifier



Carrying Case