

### PHR-8-4 C Clamp Rockwell Hardness Tester

PHR-8-4 C clamp Rockwell hardness tester was designed according to the basic principle of Rockwell hardness testing standard ASTM E110.

C clamp Rockwell hardness tester applies part clamping structure and similar reading system as micrometer, so it is prior to small type for its good stability, repeatability, accuracy.

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



#### Technical Specifications:

- Preliminary test force: 10kgf
- Total test Force: 60kgf, 100kgf, 150kgf
- Test head: 120°diamond indenter
- 1.588mm carbide alloy ball
- Indication Error: complying with ISO 6508 and ASTM E18
- Repeatability Error: complying with ISO 6508 and ASTM E18
- Test Resolution: 0.5HR
- Application range: common metal including iron and steel, cooper, aluminum

#### Standard Package



Tester



120° Diamond Cone Indenter



1.588mm Carbide Ball Indenter



Rockwell Test Block



Flat Anvil



V Anvil



carrying case

#### More Models:



PHR-4-3



PHR-20-12



PHR-8-10