

MIDLAND METROLOGY LTD

Electronic Plastic Rockwell Hardness Tester XHR-150



Description:

- XHR-150 Plastics Rockwell Hardness Tester has adopted a mechanism to load and unload the test force automatically, through rotating the load-change hand wheel to change test force; therefore the operation of this instrument is very simple; easy and prompt
- Setting zero to the dial, there is no man-made operation error. The present hardness tester is with high sensitivity and stability, so as to suitable usage in workshop and testing laboratory
- The method of plastics Rockwell hardness test is to press a ball indenter of a certain diameter into a specimen to be tested firstly with initial test force P and keep a stipulated duration time, then unload the main test force
- The difference between the press-in depth h1 during the initial test force keeping the press-in depth h0 made by the initial test force applied means the permanent increment of indentation depth. Each press-in depth 0.002mm is as one hardness unit of plastics rockwell
- This test method is with the characteristic of high speed to test hardness and it is widely applied in inspecting the hardness for specimens

Specifications:

Product Name	Electronic Plastic Rockwell Hardness Tester
Model	XHR-150
Rockwell Scales	HRE HRL HRM HRR
Preliminary Test Force	10Kgf (98.07N)
Test Force	60Kgf (555.4N) 100Kgf (980.7N) 150Kgf (1471N)
Indenter	φ3.175mm Ball Indenter φ6.35mm Ball Indenter φ12.7mm Ball Indenter
Dwell Time	Adjustable 1-60 s
Hardness Indication	Analogue display
Resolution	0.5HR
Loading Control	Electronic
Max. Height of Specimen	175 mm
Instrument Throat	165 mm
Dimension (LxWxH)	520 x 215 x 700 mm
Packing Dimension	630 x 440 x 960 mm
Gross / Net Weight	120Kg / 90Kg

Standard Packing List:

- Instrument Main Body
- Hardness Block HRE
- Hardness Block HRL
- Hardness Block HRM/HRR
- φ3.175mm Ball Indenter
- Ø 6.35mm / φ12.7mm Ball Indenter
- Ø 60mm Flat Anvil
- Ø 150mm Flat Anvil
- Ø 40mm V-shape Anvil
- Fuse / Power Cable
- Level / Regulating Screw
- Screwdriver / Spanner
- Weight A/B/C
- Accessories Box
- Anti-dust Cover
- Instrument Manual

Optional Accessories:

- Ø 1/8" Steel Ball
- Ø 1/8" Steel Ball Indenter
- Ø 1/4" Steel Ball
- Ø 1/4" Steel Ball Indenter
- Ø 1/2" Steel Ball
- Ø 1/2" Steel Ball Indenter

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