

Digital Rockwell Hardness Tester HR-150D



Description:

- HR-150D is a semi-automatic Rockwell Hardness testing machine. The operator only needs to select the required weight and elevate the work piece to a starting position. From this point the entire operation is done automatically.
- HR-150D Test forces are 60Kgf (588.4N), 100Kgf (980.7N) and 150Kgf (1471N).
- The Test force, loading, dwell, unloading, Hardness Result, and the conversion scale are displayed on the LCD screen automatically.
- The system will tell the operator to select the correct Test force and indenter after choosing the Hardness scale. The Digital display resolves to 0.1 HR.
- HR-150D weight selection control knob is now made in steel, not plastic.
- HR-150D offers 14 Hardness Scales: HRA, HRB, HRC, HRD, HRF, HV, HK, HBW, HR15N, HR30N, HR45N, HR15T, HR30T and HR45T.
- Results are displayed on the front panel, eliminating the need to view charts. Also displayed are maximum, minimum, average and tolerance values. The mini-printer prints the main measuring values automatically. An RS232 output allows connection to a PC.

Specifications:

Product Name	Digital Rockwell Hardness Tester
Model	HR-150D
Rockwell Scales	HRA HRB HRC HRD HRE HRF HRG HRH HRK HRL HRM HRR
Preliminary Test Force	10Kgf (98.07N)
Test Force	60Kgf (558.4N) 100Kgf (980.7N) 150Kgf (1471N)
Dwell Time	Adjustable 1-60s
Hardness Indication	Digital LCD Display
Resolution	0.1HR
Loading Control	Automatic
Data Output	RS 232/Printer
Auto Hardness Conversion	HB HK HV etc
Max. Height Of Specimen	175mm
Instrument Throat	165mm
Dimension (LxWxH)	520 x 215 x 700mm
Packing Dimension	630 x 440 x 960mm
Gross/Net Weight	120Kg/90Kg
Execution Standard	GB/T230.2 JJG112 EN-ISO 6508 ASTM E-18

Standard Packing List:

- Instrument Main Body
- Hardness Block (57-70) HRC
- Hardness Block (20-33) HRC
- Hardness Block (85-100) HRB
- Cone Diamond
- Ø 1.588mm Ball Indenter
- Ø 1.588mm Steel Ball
- Ø 150mm /Ø 60mm Flat anvil
- Ø 40mm V-shape Anvil
- Weight A/B/C
- Mini-Printer
- Accessories Box
- Power Cable
- Anti-dust Instrument Fuse
- Instrument Manual

Optional Accessories:

Optional Item	Optional Item	Optional Item
1/8" Steel Ball Indenter	Ø 1/8" Steel Ball	Ø 100mm Flat Anvil
1/4" Steel Ball Indenter	Ø 1/4" Steel Ball	Small Flat Anvil
1/2" Steel Ball Indenter	Ø 1/2" Steel Ball	Ø 1/16" Steel Ball