

# 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
- The test force, loading, dwelling and 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 0.1HR
- HR-150D weight selection control knob is now made in steel, not plastic
- HR-150D offers 14 hardness scales (see below)
- Results are displayed on the front panel, eliminating the need to

## 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 1.588 Steel Ball
- Ø 60 mm Flat Anvil
- Ø 150mm Flat Anvil
- Ø 40mm V-shape Anvil
- Weight A/B/C
- Mini printer
- Accessories Box
- Anti-dust Instrument Fuse
- Instrument Manual

## Optional Accessories:

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

## Specifications:

Product Name	Electronic Rockwell Hardness Tester
Model	HR-150E
Rockwell Scales	HRA HRB HRC
Preliminary Test Force	10Kgf (98.07N)
Test Force	60Kgf (555.4N) 100Kgf (980.7N) 150Kgf (1471N)
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