

MIDLAND METROLOGY LTD

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 view charts. Also displayed are maximum, minimum, average tolerance values. An RS232 output allows connection to a PC

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 |

Standard Packing List:

- Instrument Main Body
- Hardness Block (57-70) HRC
- Hardness Block (20-33) HRC
- Hardness Block (85-100) HRB
- Cone Diamond
- \varnothing 1.588mm Ball Indenter
- \varnothing 1.588 Steel Ball
- \varnothing 60 mm Flat Anvil
- \varnothing 150mm Flat Anvil
- \varnothing 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
- \varnothing 1/8" Steel Ball
- \varnothing 1/4" Steel Ball
- \varnothing 1/2" Steel Ball
- \varnothing 100mm Flat Anvil
- Small Flat Anvil
- \varnothing 1/16" Steel Ball

Web: www.midland-metrology.co.uk Email: sales@midland-metrology.co.uk

Telephone: 0044 (0) 2476 638280