

# MIDLAND METROLOGY LTD

## Manual Superficial Rockwell Hardness Tester HRS-45M



### Description:

- HRS-45M is an effective Manual Superficial Rockwell Hardness Testing machine with high accuracy, reliability and durability. Used in workshops and inspection departments for the testing of superficial ferrous and non-ferrous materials to the Rockwell scales
- HRS-45M analogue has been upgraded to give a resolution of 0.5HR as opposed to the previous model of 1.0HR
- HRS-45M weight selection control knob is now made in steel, not plastic
- HRS-45M operation is controlled by an oil pump, to reduce the operator's involvement
- HRS-45M offers an optional indenter protection cover

### Specifications:

Product Name	Manual Superficial Rockwell Hardness Tester
Model	HRS-45M
Rockwell Scales	HR15N HR30N HR45N HR15T HR30T HR45T
Preliminary Test Force	3Kgf (29.42N)
Test Force	15Kgf (147.1N) 30Kgf (294.2N) 45Kgf (441.3N)
Dwell Time	Adjustable 1-60s
Hardness Indication	Analogue display
Resolution	0.5HR
Loading Control	Manual
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

- Instrument Main Body
- Hardness Block HR30T
- Hardness Block HR15N
- Hardness Block HR30N
- Ø 1.588 mm Ball Indenter
- Anti-dust cover
- Cone Diamond indenter
- Ø 150 mm Flat Anvil
- Ø 40 mm V-shape anvil
- Ø 60 mm Flat Anvil
- Weight 1/2/3
- Accessories box
- Instrument Manual

### Optional Accessories:

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