

Digital Superficial Rockwell Hardness Tester HRS-45D



Description:

- HRS-45D is a semi-automatic Rockwell Hardness testing machine. The operator only needs to select the required weight and elevate the work piece to a start position. From this point the entire operation is done automatically.
- HRS-45D Test Forces are 15 Kgf (147.1N) 30 Kgf (294.2N) 45 Kgf (441.3N).
- HRS-45D Test Force, loading, dwell, unloading, Hardness Result and 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.
- HRS-45D digital display resolves to 0.1HR.
- HRS-45D weight selection knob is now made in steel, not plastic.
- HRS-45D offers 14 Hardness Scales: HRA HRB HRC HRD HRF HV HK HBW HR15N HR30N HR45N HR15T HR30T HR45T. Results are displayed on the front panel, eliminating the need to view charts.
- HRS-45D also displays maximum, minimum, average and tolerance values.
- HRS-45D mini-printer prints the main measuring values automatically. An RS-232 output allows connection to a PC.

Specifications:

Product Name	Digital Superficial Rockwell Hardness Tester
Model	HRS-45D
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	digital LCD Display
Resolution	0.1HR
Loading Control	Automatic
Data Output	RS 232/Printer
Auto Hardness Conversion	HRC HRB HRA HK HV HBW
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 ASTME-18

Standard Packing List:

- Instrument Main Body
- Hardness Block HR30T
- Hardness Block HR15N
- Hardness Block HR30N
- Cone Diamond Indenter
- Ø 1.588mm Ball Indenter
- Anti-dust Cover
- Ø 150mm Flat anvil
- Ø 40mm V-shape Anvil
- Ø 60mm Flat Anvil
- Weight 1/2/3
- Power Cable
- Mini-Printer
- Accessories Box
- 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