



Description:

- HRR-150D is a effective and affordable hardness testing machine with novel appearance and unique inside structure, features high measuring accuracy, reliable performance and applicable to wide fields, it is applicable to measure hardness testing of both Rockwell and Superficial Rockwell.
- It can measure the hardness of hard metals, carburizing steels, quenching steels, hard cast irons, mild steels, A1, Cu and malleable irons.
- HRR-150D has big LCD screen to display the measuring data, and it has the hardness conversion between Rockwell, Brinell, and Vickers, and it has other functions, such as, dwell time adjustment, data dispose, storage, printing and RS-232 output, etc.

Specification:

Product Name	Digital Twin Rockwell Hardness Tester
Model	HRR-150D
Rockwell Scales	HRA,HRB,HRC,HR15N,HR30N,HR45N,HR15T,HR30T,HR45T
Preliminary Test Force	3Kgf(29.4N),10kgf(98.7N)
For Rockwell Testing	60Kgf(588N) 100Kgf(980N),150Kgf(1470N)
For Superficial Rockwell Testing	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、HV、HK、HBW、etc
Max. Height Of Specimen	180mm
Instrument Throat	160mm
Dimension(LxWxH)	520x215x700mm
Packing Dimension	630x440x960mm
Gross/Net Weight	120Kg/90Kg
Execution Standard	GB/T230.2, JJG112, EN-ISO 6508 , ASTM E-18

Standard Packing List:

- Hardness Block HRT
- Hardness Block HRN
- Hardness Block(57-70) HRC
- Hardness Block(20-33) HRC
- Hardness Block(85-100) HRB
- Cone diamond Indenter
- Ø1.588mm Ball Indenter
- Ø1.588mm Steel Ball
- Ø150mm Flat Anvil
- Ø55mm V-shape Anvil
- Ø55mm Flat Anvil
- Weight A
- Weight B/C
- Instrument Fuse
- Mini-Printer
- Power Cable
- Accessories Box
- Instrument Manual

Optional Accessory:

Optional Items	Optional Items	Optional Items
1/8"Steel Ball Indenter	Ø1/8" Steel Ball	Ø100mm Flat Anvil
1/4"Steel Ball Indenter	Ø1/4" Steel Ball	Small Flat Anvil
1/2"Steel Ball Indenter	Ø1/2" Steel Ball	Ø1/16" Steel Ball