



DIGITAL ROCKWELL HARDNESS TESTER RoboRock – 150D

STANDARD

EN-ISO 6508, ASTM E18, JIS Z2245, GB/T230.2

RoboRock 150-D is a semiautomatic hardness testing machine, with high accuracy, reliability and durability, it is applied at the workshops and measurement departments for determining the Rockwell hardness of the ferrous and non-ferrous metals.





FEATURES

- Color touch screen, displays loading force, indenter type, dwell time, and conversion scale
- Motorized control loading, dwell and unloading, eliminates error by manual operation.
- Built-in microprocessor auto compute max, min, mean and deviation value, resolution is 0.1HR, largely improve accuracy
- Auto hardness conversion to others scales, no need to check table and improve working efficiency.
- Support multiple languages, English, Turkish, German, etc. Convenient for local customers operation.
- Save 2000 single testing results and 1000 group results for reviewing and analysis
- Optional blue tooth mini printer is available.

Notes:

- Rockwell B Scale HRB: Copper alloys, soft steels, aluminum alloys, malleable iron, etc.
- Rockwell C Scale HRC: Steel, hard cast irons, pearlitic malleable iron, titanium, deep case hardened steel, and other materials harder than B100.
- Rockwell A Scale HRA: Cemented carbides, thin steel, and shallow case-hardened steel.



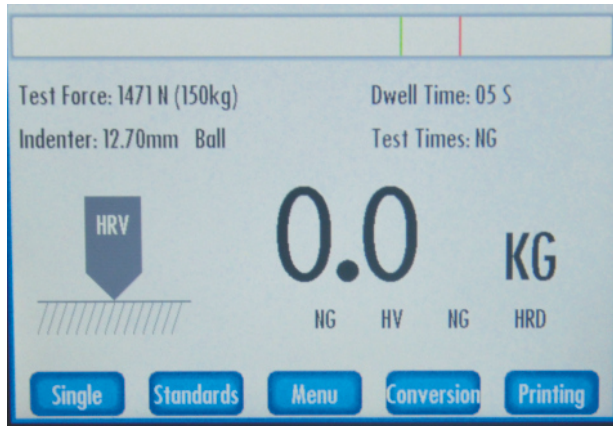
TECHNICAL SPECIFICATION

Product Name	Digital Rockwell Hardness Tester
Model	RoboRock-150D
Rockwell Scales	HRA、HRB、HRC、HRD、HRE、HRF、HRG、HRH、HRK、HRL、HRM、HRP、HRR、HRS、HRV
Preliminary Test Force	10Kgf(98.07N) Permitted Error : $\pm 2.0\%$
Test Force	60Kgf(588.4N)、100Kgf(980.7N)、150Kgf(1471N)
Dwell Time	Adjustable 1-60s
Hardness Indication	5.2" Touch Screen, Resolution:640x480
Resolution	0.1HR
Loading Control	Auto Loading/Dwell/Unloading
Hardness Conversion	HRC、HV、HBS、HBW、HK、HRA、HRD、HR15N、HR30N、HR45N、HS、HRF、HR15T、HR30T、HR45T、HRB
Conversion Standards	ASTM、DIN
Language Option	Chinese, English, German, Portuguese, Turkish, Czech, Korean
Correction Range	-3.0HR to +3.0HR, Step 0.1HR
Data Memory	2000 Single Measuring Result, Curve Analysis, Results
Data Output	Optional Blue Tooth Mini Printer
Max. Height Of Specimen	175mm
Instrument Throat	165mm
Power supply	AC220V/50Hz;AC110V/60Hz
Dimension(LxWxH)	520 x 215 x 700mm
Packing Dimension	630 x 440 x 960mm
Gross/Net Weight	120Kg/90Kg

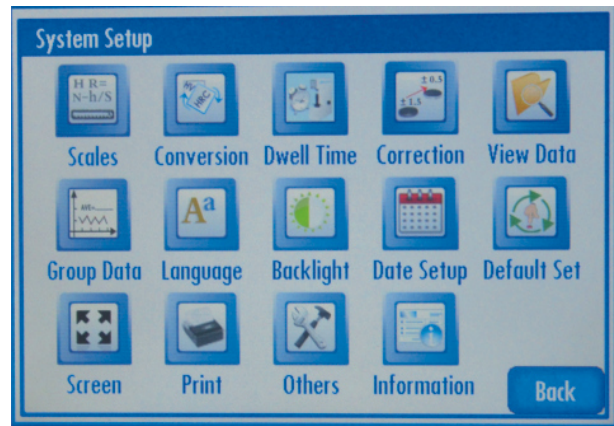


SCOPE OF SUPPLY

RoboRock-150D unit	Hardness Test Block 20-33
Hardness Test Block 57-70	Hardness Test Block 85-100
Ø 1.588mm Ball indenter	Ø 1.588mm Steel Ball
Cone Diamond Indenter	Ø 150mm and Ø 60mm Flat Anvil
Ø 40mm V-shape Anvil	Weight A, B, C
Instrument Manual	Test Certificate
Accessories Box	Anti Dust Cover



Test Interface



System Setup