



VERTEX

LOAD CELL BASE DIGITAL ROCKWELL HARDNESS TESTER HR-150TS



Main Function:

HR-150TS close loop load cell base Digital Rockwell Hardness Tester with a good aesthetic aspect, complete functions, easy operation, intuitive display and good reliability, is a high-tech product combining the mechanic and electric features, which is suitable for the Rockwell hardness test.

1. Support for all the Rockwell scales;
2. Support for conversion scales of different kinds of hardness;
3. With arc correction function;
4. Touch screen display and operation, dynamically display the working state of the lifting screw and the indenter;
5. With data storage function, automatic calculation of the maximum, minimum, average of the hardness value, the test results can be printed for output.

Application Range:

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc. Also suitable for surface quenched steel, surface heat treating and chemical treating materials, sheet, zinc layers, chrome layers, tin layers etc.

Technical Specification:

Model	HR-150TS
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (588.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mm Ball Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	Touch Screen
Test Scale	HRA, HRD, HRC, HRF, HRB, HRG, HRH, HRE, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Conversion Scale	HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HBW
Data Output	Built-in Printer
Resolution	0.1HR
Dwell Time	0-99s
Test space	220mm x 165mm (Height x depth)
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6508-2, ASTM E-18, JIS Z2245, GB/T 230.2-2018
Dimension	690*490*885mm
Weight	100kg

SPARES:

Name	Qty	Name	Qty
φ1.5875mmBall Indenter	1 pc	Diamond Rockwell Indenter	1 pc
Large Plane Test Table	1 pc	Middle Plane Test Table	1 pc
Inner Hexagon Spanner	1 pc	V-shaped Test Table	1 pc
Hardness Block	3 pc	Spanner	1 pc
Power Cable	1 pc	Fuse 2A	2 pcs

Printer details-



1. Built-in printer
2. USB port (save data to USB disc)
3. RS232 port
4. ON/OFF
5. Fuse
6. Power socket