

HST-HRS150B Digital display High Stroke Rockwell Hardness Tester



Features

HST-HRS150B Digital Rockwell hardness tester adopts the high resolution color touch screen with high brightness display. It has a good reliability, excellent operation and easy watching, so it is a high-tech product combining the mechanic and electric features. It can show and set the present scale, test force, test indenter, dwell time and hardness conversion; the main function is as follows:

- Selection of all the Rockwell scales;
- Conversion scales of different kinds of hardness;
- Real time data saving in the folder, totally six folders, the data can be arbitrary deleted and printed out;
- Test results can be saved in real time with automatic calculation of maximum, minimum and average value;
- The interface is visual and clear, very easy to operate;
- With RS232 interface

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.

Technical Specification

Initial test Force	10kgf(98.07n)
Total test force	60kgf(588.4n) 150kgf(1471n) 100kgf(980.7n)
Loading method	Automatic (Loading/Dwell/Unloading)
Hardness reading	LCD Digital Display
Test scale	HRA, HRD, HRC, HRFW, HRBW, HRGW, HRHW, HREW, HRKW, HRL, HRM, HRP, HRR, HRS, HRV
Conversion scale	HV, HK, HRA, HRBW, HRC, HRD, HREW, HRFW, HRGW, HRKW, HR15n, HR30n, HR45n, HR15TW, HR30TW, HR45TW, HS, HBW
Data output	Built-in Printer, RS232 Interface
Resolution	0.1HR
Dwell time	0~60s
Max. Height of Specimen	400mm
Throat	165mm
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Power source	AC220V, 50Hz
Dimension (mm)	250x510x905
Weight (kg)	135kg

Standard Configuration

Main unit	1pc
Diamond rockwell indenter	1pc
φ1.588mm ball indenter	1pc
Large,middle plane test table, V-shaped test table	1pc(each)
Standard hardness test block	Total 3pcs
Fuse 2A	2 pcs
Power cable	1 pc
Weight A, B, C	TOTAL 3 pcs
Level	1 pc
Horizontal regulating screw	4 pcs
Inner hexagon spanner	1 pc
Spanner	1 pc
Anti-dust cover	1 pc
Usage instruction manual	1 pc