

HST-HRS150BT Touch Screen High Stroke Rockwell Hardness Tester



Product information:

1. Good reliability, excellent operation and easy watching;
2. Electronic driven, simple structure, no weight using.
3. Can connect PC to output
4. Conversion different hardness scales.

Applications:

Suitable for quenching, quenching and tempering, annealing, chilled castings, malleable castings, hardness determination of hard alloy steel, aluminum alloy, copper alloy, bearing steel, etc. It is also suitable for surface hardened steel, material surface heat treatment and chemical treatment layer, copper, aluminum alloy, thin plate, galvanized, chrome plated, tin plated material, bearing steel, chilled castings, etc.

Some Interface showing:



Features:

1. Electronic-driven instead of weight -driven, it can test the Rockwell full scale;
2. Touch screen simple interface, humanized operation interface;
3. Machine main body overall pouring, deformation of the frame is small, measuring value is stable and reliable;
4. Powerful data processing function, can test manykinds of Rockwell hardness scales, and can convert HR, HB, HV and other hardness standards;
5. Independently stores 500 sets data, and data will be saved when power is turned off;
6. Initial load holding time and loading time can be set freely ;
7. The upper and lower limits of hardness can be set to directly, display qualified or not;
8. With hardness value correction function, each scale can be corrected;
9. The hardness value can be corrected according to the size of the cylinder;
10. Comply with the latest ISO, ASTM, GB and other standards.

Technical Parameter:

Measuring range	20-95HRA, 10-100HRB, 10-70HRC
Initial test force	10kgf (98.07N)
Total test force	60kgf (588.4N), 100kgf (980.7N), 150kgf (1471N)
The maximum height of the sample	450mm
Throat	165mm
Indenter	Rockwell diamond indenter, ϕ 1.588mm steel ball indenter

Test force application method	automatic (loading/staying/unloading)
Hardness resolution	0.1HR
Hardness value display mode	Touch screen showing
Measuring scales	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, HS, HBW
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Power supply	AC 220V/110V, 50/60 Hz
Dimensions	520*230*1000mm
Weight	net weight about 118KG, gross weight about 80KG

Standard accessories:

Main Machine	1Set	φ1.588mm ball Indenter	1 PC
Diamond Cone Indenter	1 PC	Printer	1 PC
Anvil (Big, Middle, "V"-Shaped)	TOTAL 3 PCS	Adapter	1 PC
Standard Rockwell Hardness Block		Power Cable	1 PC
HRB	1 PC	Spanner	1 PC
HRC (High,middle Low)	TOTAL 3 PCS	Certificate	1copy
HRA	1pc	Packing list	1copy