

HST-HSR45T Digital Display Superficial Rockwell Hardness Tester



Application:

Rockwell hardness test method, can use diamond indenter and steel ball indenter, can measure hard and soft samples, widely used to determine the Rockwell hardness of ferrous metals, non-ferrous metals, non-metallic materials. It is mainly used to measure Rockwell hardness of heat treated materials such as quenching and tempering. Such as hard alloy, carburized steel, hardened steel, surface hardened steel, hard cast steel, aluminum alloy, copper alloy, malleable castings, mild steel, tempered steel, annealed steel, bearings and other Materials

Features:

- Electronic loading test force is used to replace the weight force, which improves the accuracy of the force value and makes the measured value more stable.

- Bluetooth connection computer, through the special hardness software analysis, management data
- 8" touch screen,easy operation,complete instrument settings.
- Large data processing function,calculating and analyzing maximum,minimum, average values,etc;
- Can convert to HB,HV etc.,Select the required hardness scale by touchscreen operation;
- Simple operation interface, user-friendly interface to set parameters, the host independent storage 500 groups of data, power off without losing data.
- Comply with the latest ISO, ASTM, GB and other standard scale conversions
- Initial load dwell time and loading time can be set freely,With the hardness value correction function, can be corrected for each scale.

Technical Parameters:

Test force	15kg, 30kg, 45kg	
Measuring scope	70-91HR15N,42-80HR30N,20-70HR45N, 73-93HR15T,43-82HR30T,12-72HR45T	
Indenter	Diamond indenter	φ1.588mm Ball indenter
Measuring space	Max testing height:230mm	
	Throat:170mm	
Test force loading method	Initial test force:Manual Main test force:Automatic (Loading,dwell,unloading)	
Measuring scale	HR15N,HR30N,HR45N,HR15T,HR30T,HR45T	
Convert scale	HV,HK,HRA,HRBW,HRC,HR15N,HR30N,HR45N,HR15TW,HR30TW,HR45TW,HBW	
Hardness display method	8" touch screen(can connect PC showing)	
Hardness resolution	0.1HR	
Power supply	AC 220V 50/60 Hz	

HST GROUP Co., LTD.

NO. 4915, West Jingshi Road, Jinan 250012, PR CHINA.

Tel: +86-15910081986

www.hssdgroup.com - e-mail: admin@hssdtest.com