

HST-HRS150T Touch Screen Rockwell Hardness Tester
Electric loading



Product introduction

The Rockwell hardness test method can measure harder and softer samples by using diamond indenter and steel ball indenter. It is applicable to a wide range of scenarios and can be used to measure ferrous metals, non-ferrous metals, non-metallic materials, as well as quenching, tempering, etc. Heat treated Rockwell hardness. Such as hard alloy, carburizing pot, annealed steel, tempered steel, quenched steel, hard cast iron, mild steel, aluminum alloy, titanium alloy, malleable cast iron, etc. hardness measurement.

Features

This machine cancels the weight afterforce, using the electronic loading test force, improve the accuracy of the force value, using the measurement value more stable; Eight-inch touch screen operation and display, humanized operation interface, complete the instrument Settings; Bluetooth link computer, analyze and manage data through special hardness software; Customers can choose different levels of automation

according to the product testing requirements. Powerful data processing function, test the 15 hardness and surface Roche scale is optional, and can be converted to HB, HV and other hardness system;

The operation interface is simple, the humanized interface sets parameters, the host independently stores 500 sets of data, and the power is off without losing data. It has value correction function to correct each ruler; the hardness value can be corrected according to the size of the cylinder. Initial load holding time and loading time can be set freely (optional automatic model completes the workpiece with one key)

Technical Parameters

Test force	Rockwell: 60kg, 100kg, 150kg	
Measuring range	Rockwell: 20-95hra, 10-100hrb, 10-70hrc	
Type of indenter	Rocell diamond indenter	Φ 1.588mm steel ball indenter
Test space	Maximum allowable sample height: 230 mm	
	Head center to machine wall distance: 170 mm	
Test force application mode	Main initial test: Automatic (loading, retaining and unloading)	
measuring ruler	HRA, HRD, HRC, HRFW, HRBW, HRGW, HRHW, HREW, HRKW, HRL, HRM, HRP, HRR, HRS, HRV	
Conversion ruler	HV, HK, HRA, HRBW, HRC, HR15N, HR30N, HR45N, HR15TW, HR30TW, HR45TW, HBW	
Hardness value display mode	8-inch touchscreen display (computer display is optional)	
Hardness resolution	0.1HR	
power supply	AC 220V 50/60Hz	