HST-HRS-150/45T-Z Automatic Rockwell, Superficial Rockwell Hardness Tester

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.

The HST-HRS-150/45T-Z hardness tester is a new generation of touch-screen fully automatic Rockwell hardness tester developed by our company that integrates Rockwell and surface Rockwell. The appearance of the machine is professionally designed and adopts mechanical simulation technology, which makes the casing

smaller and the testing space larger without affecting the performance. It is equipped with a color touch screen, built-in professional software, and a Bluetooth printer, which can Real-time printing and data output.

Technology parameter:

Testing power	60kg, 100kg, 150kg, 15kg, 30kg, 45kg	
Measuring range	20-95HRA, 10-100HRB, 10-70HRC, 70-94HR15N, 42-86HR30N, 20-77HR45N, 67-93HR15TW, 29-82HR30TW, 10-72HR45TW	
Indenter type	Rockwell diamond indenter	ф1.588mm steel ball indenter
Test space	Maximum height allowed for specimens: 230 mm	
	Distance from center of indenter to machine wall: 170 mm	
Operation method	Automatic rise and return, one-touch operation	
Test force application method	Automatic (initial test force, main test force loading, holding, and unloading are fully automatic)	
Measuring ruler	HRA, HRD, HRC, HRFW, HRBW, HRGW, HRHW, HREW, HRKW, HRL, HRM, HRP, HRR, HRS, HRV,	
Conversion ruler	HR15N, HR30N, HR45N, HR15T, HR30T, HR45T	
Hardness value display mode	HV, HK, HRA, HRBW, HRC, HR15N, HR30N, HR45N, HR15TW, HR30TW, HR45TW, HBW	
Hardness resolution	Touch screen display (computer display optional)	
Power supply	0.1HR	