

HST-HSRD45 Electric Superficial Rockwell Hardness Tester



Introduction:

HST-HSRD45 Motor-Driven Superficial Rockwell Hardness Tester suitable for measuring superficial Rockwell hardness of Ferrous Metals, Alloy Steel, Carbide and Metal after treated surface (carburizing, nitriding, plating layer). Especially suitable for precision measurement of Parallel Planes.

It mainly functions are as follows:

Function:

1. Lever Loading, durable and reliable, the test process automation, no human operator error.
2. No friction spindle, high precision test force.
3. Precision hydraulic buffers, steady load.
4. Dial display the hardness value, HRN, HRT, and can choose other Rockwell Scale.
5. Accuracy according to GB I T230.2, ISO 6508-2 and American ASTM E18 standard

Technical Parameters:

Name	Specification
Measuring Range	70-94HR15N,67-93HR15T,42-86HR30N,29-82HR30T,20-77HR45N,10-72HR45T
Total Test Force	15Kgf(147. 10N), 30Kgf(294.20N), 45Kgf(441.30N)
Hardness Data Read	Dial
Specimen Maximum	210mm
Throat Depth	165mm
Min . Scale Value	0.5HR
Supply Power	220V, 50Hz
Instrument Size	500*250*700mm (L*W*H)

Standard configuration:

Name	Specification	Unit	Quantity
Diamond Rockwell Indenter		Pc	1
Ball indenter	Φ 1 588mm	Pc	1
Test bench	Big flat 、 small flat、	Pc	3
Hardness block		Pc	4
Screwdriver		Pc	1
Accessory box		Pc	1
Dust-proof plastic cover		Pc	1
Product certificate		Sheet	1
Instruction Manual		Sheet	1
Accessory box		Pc	1
Packing List		Sheet	1