

HST-HSR45 Superficial Rockwell Hardness Tester



Description:

The superficial Rockwell hardness tester adopts a small test force and is used to test thin, small and thin samples that cannot be tested by ordinary Rockwell hardness testers, as well as workpieces with surface hardened layers and workpieces that require as small an indentation as possible.

It adopts mechanical manual test, no power supply is required, wide application range, easy operation, good economy and practicability; the body is made of high-quality cast iron for one-time casting, combined with the car paint treatment process, the shape is round and beautiful.

The dial directly reads the hardness value, and other Rockwell scales are optional; the frictionless spindle is adopted, and the test force accuracy is high; The impact and speed are adjustable; the precision complies with GB/T230.2-2018, ISO6508-2 and American ASTM E18-16-M standards.

Parameters:

Name	Specification
Test force	15、30、45kgf
	147.1、294.2、441.3N
Measuring range	71-94HR15N,42-86HR30N,20-77HR45N,67-93HR15T,29-82HR30T,10-72HR45T
Maximum allowable height of test piece	170mm
Distance from the center of the indenter to the machine wall	135mm
Hardness Resolution	0.5HR
Power	AC220V, 50Hz
Dimension	466*238*630mm
Net weight	65kg

Standard configuration:

Name	Specification	QTY
Diamond Rockwell Indenter		1
ball indenter	Φ1.5875mm	1
Test work platform	Large, small, V type	3
hardness block		4
screwdriver		1
Accessory box		1
Dust proof plastic cover		1
Product Certificate		1
Instruction Manual		1

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