

HST-HR150/45 Rockwell Hardness Tester



Pictures for reference only

Main features:

Combines ordinary Rockwell and surface Rockwell into one, expanding the scope of application, lever loading, manual operation, accurate and durable, high test efficiency; simple and easy, low failure rate; direct dial reading, HRA, HRB, HRC, HRN, HRT can also be selected with other Rockwell standards; accuracy meets GB/T230.2ISO6508-2 and American ASTM E18 standards.

Application range:

Rockwell is used for Rockwell metals of ferrous metals, non-ferrous metals and non-metallic materials; Rockwell hardness of liquid-treated materials such as quenching and modulation and cemented carbide; surface Rockwell is used for surface Rockwell hardness of ferrous metals, alloy steels, cemented carbide and surface treatments such as nitriding, cyaniding and electroplating.

Main technical specifications:

Measuring range: 20-88HRA, 20-100HRB, 20-70HRC;

70-94HR15N, 42-86HR30N, 20-77HR45N,

60-93HR15T, 29-82HR30T, 10-72HR45T

Test force: 588.4, 980.7, 1471N (60, 100, 150kgf)

147.1, 294.2, 441.3N, (15, 30, 45kgf)

Maximum allowable height of the specimen: 160mm;

Distance from the center of the indenter to the machine wall: 140mm;

Hardness resolution: 0.5HR;

Dimensions: 463x241x660mm;

Weight: about 75kg

Standard configuration:

Sr	Name	Specification	Qty
1	Rockwell hardness tester		1
2	Printer		1
3	Big flat workbench		1
4	Small flat workbench		1
5	V workbench		1
6	Diamond Cone Rockwell indenter		1
7	steel ball indenter 1/16"		1
8	Standard surface Rockwell hardness blocks, HRN, HRT		4 pcs
9	standard Rockwell hardness blocks, HRA, HRBW, HRC		5 pcs
10	Dust cover		1
11	Accessory Case		1
12	User manual		1
13	Certificate		1
14	Packing list		1