

Manual Rockwell Hardness Tester iRock-430H



iRock-430H Rockwell hardness tester is a popular-used hardness testing instrument to measure the hardness of the metal materials. No need power supply, the speed of the test force loading is regulated by the buffer and the test force is regulated by the load-change hand wheel. It has easy operation and stable performance, therefore it is widely used.

Application range:

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc. Also suitable for surface quenched steel, surface heat treating and chemical treating materials, sheet, zinc layers, chrome layers, tin layers etc.

Technical Specification:

Model	iRock-430H
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (588.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, $\phi 1.588\text{mm}$ Ball Indenter
Loading Method	Manual
Hardness Reading	Dial Reading
Resolution	0.5HR
Max. Height of Specimen	175mm
Throat	165mm
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×255×700mm, Packing Dimension: 650×370×950mm
Weight	Net Weight: 80kg, Gross Weight: 100kg

Standard Delivery:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
$\phi 1.588\text{mm}$ Ball Indenter	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 60~70 HRC	1 pc	Hardness Block 20~30 HRC	1 pc
Hardness Block 80~100 HRB	1 pc	Level	1 pc
Screw Driver	1 pc	Weight 1, 2, 3	3 pcs
Anti-dust Cover	1 pc	Horizontal Regulating Screw	4 pcs
Usage Instruction Manual	1 copy	Spanner	1 pc