

Motorized Loading Rockwell Hardness Tester iRock-431M



iRock-431M Motorized Rockwell hardness tester adopts the mechanism of automatic loading and unloading of the test force, the test force is regulated by the load-change hand wheel. It can select the dwell time and is very easy to use. Besides setting zero to dial, there is no man-made error. The instrument has high sensitivity and stability.

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.

Technical Specification:

Model	iRock-431M
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (588.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mmBall Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	Dial Reading
Resolution	0.5HR
Dwell Time	2~60s
Max. Height of Specimen	175mm
Throat	165mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×215×700mm, Packing Dimension: 650×370×950mm
Weight	Net Weight: 78kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
ϕ 1.588mmBall 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	Weight A, B, C	3 pcs
Power Cable	1 pc	Fuse 2A	2 pcs
Level	1 pc	Horizontal Regulating Screw	4 pcs
Screw Driver	1 pc	Spanner	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy