

Digital Rockwell Hardness Tester iRock-432D



iRock-432D Digital Rockwell hardness tester equips with a newly-designed large displaying screen with good reliability, excellent operation and easy watching.

It can show and set the present scale, test force, test indenter, dwell time and hardness conversion.

Main Functions as Follows:

- 1, Support all the Rockwell scales;
- 2, Support Hardness Conversion;
- 3, Test results can be saved and printed;
- 4, Automatically calculate the maximum, minimum and average value;
- 5, With RS232 interface for data transferring to computer.

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-432D
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	LCD Screen Display
Test Scale	HRA, HRD, HRC, HRF, HRB, HRG, HRH, HRE, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Conversion Scale	HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N,
Data Output	Built-in Printer, RS232 Interface
Resolution	0.1HR
Dwell Time	0~60s
Max. Height of Specimen	175mm
Throat	165mm
Power Supply	AC220V/50Hz/1Ph, AC110V/60Hz/1Ph
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