

## Touch Screen Digital Rockwell Hardness Tester with Built-in Printer



iRock-432TW can show and set the present scale, test force, test indenter, dwell time and hardness conversion, adopts high resolution color touch screen with high brightness display.

### The main functions as follows:

- ▶ Support all the Rockwell scales;
- ▶ With hardness conversion among all metal hardness scales;
- ▶ Adjustable back light with energy-saving mode;
- ▶ Real time data saving in the folder, totally six folders, the data can be arbitrary copied, cut, deleted, pasted;
- ▶ Hardness scales, data range and the remarks can be selective displayed, similar to Excel function;
- ▶ Test results can be saved in real time and can be selective checked and printed out, automatic calculation of maximum, minimum and average value;
- ▶ Increase the operation process interface, easy to use; With RS232 interface for connecting to the 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-432TW
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (588.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, $\phi$ 1.588mm Ball Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	Touch 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, HR15T, HR30T, HR45T, HS,
Data Output	Built-in Printer, RS232 Interface
Resolution	0.1HR
Dwell Time	0~60s
Vertical Space	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:

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