

Digital Twin Rockwell Hardness Tester

iRock TR2

+ Features

- Semi-automatic intelligent Digital Rockwell Hardness tester, you can automatically test the Rockwell hardness and surface Rockwell hardness measurement;
- Automatic variable load, automatic loading, automatic unloading, automatic conversion, automatic measurement;
- Friendly human-computer interaction, 5.2 "colorful LCD screen direct display test force, loading time, conversion value and indenter type etc;
- Automatically calculate and display the measured value, the maximum value, the minimum value, the average value and the hardness value deviation, the display shows the resolution 0.1HR;
- There are functions such as hardness upper and lower limit settings, tolerance alarms, data graph analysis, average and (single point) batch measurement modes ;
- Software compensation function, the machine can be $\pm 3HR$ software compensation, no need to open the top cover for mechanical adjustment;
- With automatic hardness conversion function, according to ASTM E140 conversion, no need to check the complex hardness of the table;
- Multi-language features, can switch Chinese, English, German, Portuguese, Turkish, Czech, Korean and other languages;
- Built-in 2000 single data storage function and 1000 group packet data storage function, can view a single data and data analysis;
- Optional Bluetooth wireless printer to print the measurement data, no need to manually record and write test data;
- Optional Softhard data analysis software and Bluetooth receiver on the test data for the computer into and analysis;
- Support FexQMS measurement of large data analysis and control software to enhance the whole plant process control, reduce material loss.



+ Specifications

Product Name	Digital Twin Rockwell Hardness Tester
Model	iRock TR2
Code#	811-360
Rockwell Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV, HR15T, HR30T etc.
Initial Test Force	10Kgf(98.1N), 3Kgf(29.4N)
Total Test Force	15Kgf(147.1N); 30Kgf(294.3N); 45Kgf(441.3N); 60Kgf(558.4N); 100Kgf(980.7N); 150Kgf(1471N)
LCD Display Screen	5.2 " Color touch screen; Resolution : 640*480
Dwell Time	2~60s Adjustable
Resolution	0.1HR
Loading Control	Auto loading/dwell/unloading
Data Output	Optional wireless printer
Languages	Chinese, English, German, Portuguese, Turkish, Czech, Korean
Max Height of Specimen	280mm
Instrument Throat	170mm
Dimension	615 x 225x 885mm
Packing Dimension	670x440x1000mm
Net Weight	120Kg
Gross Weight	140Kg
Power Supply	AC 220V/50Hz; AC110V/60Hz/200W
Execution Standard	GB/T230.2, JIS Z2245, EN-ISO 6508 , ASTM E-18