

Heighten Digital Rockwell Hardness Tester

iRock Series

+ Features

- Semi-automatic intelligent Digital Rockwell Hardness tester;
- 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 ± 3 HR 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 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;
- 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	Heighten Rockwell Hardness Tester	Heighten Superficial Rockwell Hardness Tester	Heighten Twin Rockwell Hardness Tester
Model	iRock-DR2	iRock-SR2	iRock-TR2
Code#	811-380	811-370	811-360
Preliminary Test Force	10Kgf(98.1N)	3Kgf(29.4N)	3Kgf(29.4N);10Kgf(98.1N)
Test Force	60Kgf(588.4N),100Kgf(980.7N),150Kgf(1471N)	15Kgf(147.1N),30Kgf(294.3N),45Kgf(441.3N)	15Kgf(147.1N),30Kgf(294.3N),45Kgf(441.3N);60Kgf(588.4N),100Kgf(980.7N),150Kgf(1471N)
Rockwell Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV		
Superficial Rockwell Scale	15T,30T,45T;15W,30W,45W;15X,30X,45X;15Y,30Y,45Y;15N,30N,45N		
Full Rockwell Scale	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV;15T,30T,45T;15W,30W,45W;15X,30X,45X;15Y,30Y,45Y;15N,30N,45N		
Display	5.2 " Color touch screen; Resolution : 640*480		
Dwell Time	Adjustable 1-60s		
Software Correction	-3.0HR ~ +3.0HR, step value 0.1HR		
Resolution	0.1HR		
Loading Control	Auto loading/dwell/unloading		
Conversion Scale	HRC、HRB、HRA、HV、HK、HBW,etc		
Language	Chinese,English,German,Portuguese,Turkish,Czech,Korean		
Data Processing	2000 group single dat, line chart of group data function; respectively provide single data viewing and group data viewing		
Print	Optional wireless printer		
Max Height of Specimen	280mm		
Instrument Throat	170mm		
Power Supply	AC 220V/50Hz;AC110V/60Hz		
Dimension	615x225x885mm		
Packing Dimension	670x440x1000 (mm)		
Gross/Net Weight	140Kg/125Kg		
Execution Standard	GB/T230.2, JIS Z2245, EN-ISO 6508 , ASTM E-18		