

Electronic(Superficial)Rockwell Hardness Tester

DigiRock M Series

+ Features

- DigiRock MR2/MS2 analogue gauge resolution is 0.5HR, it is useful to improve the reading accuracy than traditional 1HR resolution.
- DigiRock MR2/MS2 dwell time from 1to 60s can be setup by the "time key" on the panel, it is much convenient than the setup on the manual hardness tester.
- DigiRock MR2/MS2 force knob adopts the metal material to replace the plastic, it largely improves the instrument using-life.
- DigiRock MR2/MS2 loading, dwell and unloading is buffering by electronic motor automatically,
- DigiRock MR2/MS2 doesn't need the operator to handle it, it eliminates the human operation error maximally.
- DigiRock MR2/MS2 intenter protector is available to improve the using lifetime of indenter.

+ Applications

- Rockwell B Scale HRB: Copper alloys, soft steels, aluminum alloys, malleable iron, etc.
- Rockwell C Scale HRC: Steel, hard cast irons, pearlitic malleable iron, titanium, deep case hardened steel, and other materials harder than B100.
- Rockwell A Scale HRA: Cemented carbides, thin steel, and shallow case-hardened steel.

+ Optional Accessories



Ø150mm Flat Anvil



Ø60mm Flat Anvil



Ø40mm V-shape Anvil



+ Specifications

Product Name	Electronic Rockwell Hardness Tester	Electronic Superficial Rockwell Hardness Tester
Model	DigiRock MR2	DigiRock MS2
Code#	811-120	811-220
Rockwell Scales	HRA,HRB,HRC	HR15N,HR30N,HR45N,HR15T,HR30T,HR45T
Preliminary Test Force	10Kgf(98.07N)	3Kgf(29.42N)
Test Force	60Kgf(588.4N),100Kgf(980.7N),150Kgf(1471N)	15Kgf(147.1N),30Kgf(294.2N),45Kgf(441.3N)
Hardness Indication	Analogue Display	
Dwell Time	Adjustable 1-60s	
Resolution	0.5HR	
Loading Control	Electronic	
Max Height of Specimen	175mm	
Instrument Throat	165mm	
Dimension	546x182x755mm	
Packing Dimension	620x460x870mm	
Gross/Net Weight	120Kg/90Kg	
Execution Standard	GB/T230.2, JJS Z2245, EN-ISO 6508, ASTM E-18	

Electronic Twin Rockwell Hardness Tester

DigiRock SR2

+ Features

- DigiRock SR2 can test both Rockwell and Superficial Rockwell hardness scales.
- Manually switch 3kgf and 10kgf initial force, to test rockwell and superficial rockwell scales.
- Dial reading, resolution is 0.5HR.
- Motorized loading/dwelling/unloading to make precision force and excellent results.

+ Applications

- Rockwell B Scale HRB: Copper alloys, soft steels, aluminum alloys, malleable iron, etc.
- Rockwell C Scale HRC: Steel, hard cast irons, pearlitic malleable iron, titanium, deep case hardened steel, and other materials harder than B100.
- Rockwell A Scale HRA: Cemented carbides, thin steel, and shallow case-hardened steel.

+ Specifications

Product Name	Electronic Twin Rockwell Hardness Tester
Model	DigiRock SR2
Code#	811-310
Rockwell Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Test Force	60Kgf(588.4N), 100Kgf(980.7N), 150Kgf(1471N)
Superficial Rockwell Scale	HR15N, HR30N, HR45N, HR15T, HR30T, HR45T HR15W, HR30W, HR45W, HR15X, HR30X, HR45X, HR15Y, HR30Y, HR45Y
Superficial Rockwell Force	15Kgf(147.1N), 30Kgf(294.3N), 45Kgf(441.3N)
Reading	Dial Reading
Dwell Time	2~60s Adjustable
Resolution	0.5HR
Loading Control	Motorized loading/dwelling/unloading
Max Height of Specimen	175mm
Instrument Throat	165mm
Dimension	546x182x755mm
Packing Dimension	620x460x870mm
Net Weight	80Kg
Gross Weight	98Kg
Power Supply	AC 220V/50Hz; AC110V/60Hz
Execution Standard	GB/T230.2, JIS Z2245, EN-ISO 6508, ASTM E-18

