

Manual(Superficial)Rockwell Hardness Tester

DigiRock H Series

+ Features

- DigiRock HR1/HS1 Manalogue gauge resolution is 0.5HR, it is useful to improve the reading accuracy than traditional 1HR resolution.
- DigiRock HR1/HS1 force knob adopts the metal material to replace the plastic, it largely improves the instrument using-life .
- DigiRock HR1/HS1 loading, dwell and unloading is buffering by oil pump,it eliminates the operator' s tiredness.
- DigiRock HR1/HS1 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



Indenter Protector Cap



Indenter



Small Flat Anvil



+ Specifications

Product Name	Manual Rockwell Hardness Tester	Manual Superficial Rockwell Hardness Tester
Model	DigiRock HR1	DigiRock HS1
Code#	811-110	811-210
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	Manual	
Max Height of Specimen	175mm	
Instrument Throat	165mm	
Dimension	546x182x755mm	
Packing Dimension	620x460x870mm	
Gross/Net Weight	120Kg/90Kg	
Execution Standard	GB/T230.2, JIS Z2245, EN-ISO 6508 , ASTM E-18	