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Hardness Testing Machines

Manual Rockwell Hardness Tester

DigiRock HR1

Model	DigiRock HR1
Code#	811-110
Standard	ISO 6508, ASTM E18, GB/T230
Certificate	CE



Product Feature

- DigiRock HR1 analogue gauge resolution is 0.5HR, it is useful to improve the reading accuracy than traditional 1HR resolution;
- DigiRock HR1 force knob adopts the metal material to replace the plastic, it largely improves the instrument using-life ;
- DigiRock HR1 loading, dwell and unloading is buffering by oil pump,it eliminate the operator' s tiredness ;
- DigiRock HR1 intenter protector is available to improve the using lifetime of indenter.



Hardness Testing Machines

Specification

Product Name	Manual Rockwell Hardness Tester
Model	DigiRock HR1
Code#	811-110
Rockwell Scales	HL,HRC ,HRB, HRA, HV,HB,HS
Preliminary Test Force	10kgf(98N) Permitted Error : $\pm 2.0\%$
Additional Test Fore	60Kgf(558.4N),100Kgf(980.7N),150Kgf(1471N)
Dwell Time	Adjustable 1-60s
Hardness Indication	Analogue Display
Resolution	0.5HR
Loading Control	Manual
Max. Height Of Specimen	175mm
Instrument Throat	165mm
Power supply	No Electronic
Dimension(LxWxH)	546x182x755mm
Packing Dimension	620x460x870mm
Gross/Net Weight	120Kg/90Kg
Execution Standard	ISO 6508, ASTM E18, GB/T230

Application

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