



B.N.C.TOOLING Co.,Ltd.

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Hardness Testing Machines

Digital Rockwell Hardness Tester

DigiRock DR3

Model	DigiRockDR3
Code#	811-130
Standard	GB/T230.2, EN-ISO 6508 , ASTM E-18
Certificate	CE



Product Feature

- Semi automatic hardness tester except loading initial force and change force knob. Operation is very convenient and fast.
- Motorized control loading, dwell and unloading, eliminates error by manual operation.
- Built-in micro processor auto compute max, min, mean and deviation value, resolution is 0.1HR, largely improve accuracy.
- Auto hardness conversion to others scales, no need to check table and improve working efficiency.
- Support Multiple languages, English, Turkish, German, etc. Convenient for local customers operation.
- Save 2000 single testing results and 1000 group results for reviewing and analysis.
- Optional blue tooth mini printer is available.



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Specification

Product Name	Digital Rockwell Hardness Tester
Model	DigiRock DR3
Code#	811-130
Rockwell Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Preliminary Test Force	10Kgf(98.07N) Permitted Error : $\pm 2.0\%$
Additional Test Fore	60Kgf(588.4N), 100Kgf(980.7N), 150Kgf(1471N) Permitted Error : $\pm 1.0\%$
Dwell Time	Adjustable 1-60s
Hardness Indication	5.2" Color Touch Screen, Resolution:640x480
Resolution	0.1HR
Loading Control	Auto Loading/Dwell/Unloading
Hardness Conversion	HRC, HV, HBS, HBW, HK, HRA, HRD, HR15N, HR30N, HR45N, HS, HRF, HR15T, HR30T, HR45T, HRB
Conversion Standards	ASTM, DIN
Language Option	Chinese, English, German, Portuguese, Turkish, Czech, Korean
Correction Range	-3.0HR to +3.0HR, Step 0.1HR
Data Memory	2000 Single Measuring Result, Curve Analysis, Results Reviewing And Analysis
Data Output	Optional Blue Tooth Mini Printer
Max. Height Of Specimen	175mm
Instrument Throat	165mm
Power supply	AC220V/50Hz;AC110V/60Hz
Dimension(LxWxH)	546x182x755mm
Packing Dimension	620x460x870mm
Gross/Net Weight	120Kg/90Kg
Execution Standard	GB/T230.2, EN-ISO6508, ASTM E-18



Hardness Testing Machines

Standard Delivery:

Product Name	Code#	Product Name	Code#
Instrument Main Body	811-130	1/16" Ball Indenter	811-411
Hardness Block (57-70) HRC	811-641C	1/16" Ball	811-421
Hardness Block (20-33) HRC	811-611C	Diamond Spheroconical Indenter	811-401
Hardness Block (85-100) HRB	811-641B	Weight A	811-741
Ø 150mm Flat Anvil	811-541	Weight B	811-751
Ø 60mm Flat Anvil	811-521	Weight C	811-761
Ø 40mm V-grooved Anvil	811-511	Power Cable	811-801
Accessories Box	811-901	Instrument Manual	DigiRock DR3

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.