



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

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Hardness Testing Machines

Digital Rockwell Hardness Tester

SHR-150N/SHR-45N/SHR-145N

Model	SHR-150N/SHR-45N/SHR-145N
Code#	811-308
Standard	GB/T230.2, EN-ISO 6508 , ASTM E-18
Certificate	CE



Product Feature

- Twin tester--Regular Rockwell & Rockwell Superficial hardness for metal and plastic material;
- Horizontal Convex noise design, which is suitable for internal and external testing;
- Testing on surfaces difficult to reach. Testing internal surface of rings and tubes with diameters over 23mm;
- Testing force is set automatically according to testing scale;
- Provided with many features such as high measuring precision, wide measuring range with 30 Rockwell scales;
- Measuring results digitally displaying and can be printed, or transmitted to external computer automatically by USB or RS-232 data output port;
- Test value can be transformed to the value of HB, HV, HK and σ_b value;
- The tester meeting all the following standard such as ISO 6508, ASTM E18.



Hardness Testing Machines

Specification

Commodity	Digital Rockwell Hardness Tester	Digital Superficial Rock well Hardness Tester	Digital Twin Rockwell Hardness Tester
Model	SHR-150N	SHR-45N	SHR-145N
Code #	811-308	811-318	811-328
Total 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 Scale	SHR-150N: HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK,HRL, HRM, HRP, HRR, HRS, HRV		
Superficial Rockwell Scale	SHR-45N: HR15N,HR30N,HR45N,HR15T,HR30T,HR45T		
Twin Rockwell Scales	SHR-145N:HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK,HRL, HRM, HRP, HRR, HRS, HRV; 15T,30T,45T;15Y,30Y,45Y; 15N,30N,45N		
Dwell Time	2-60s adjustable		
Hardness Indication	High definition backlight LCD		
Resolution	0.1HR		
Data-Output	RS-232		
Conversion Scale	HV、HBS、HBW、HK		
Loading Control	Auto Loading/Dwell/Unloading		
Max. Height of Specimen	260mm		
Throat	150mm		
Power Supply	AC 220V/50Hz;AC110V/60Hz		
Dimension	710 x210 x830mm		
Packing Dimension	820x520x1000mm		
Net Weight /Gross	125Kg/95Kg		
Execution standard	GB/T230.2, EN-ISO 6508 , ASTM E-18		