



DIGITAL TWIN ROCKWELL HARDNESS TESTER RoboRock – 145TN

STANDARD

ASTM E18, ISO6508-2, JIS Z2245, GB/T230

Twin tester--Regular Rockwell & Rockwell Superficial hardness RoboRock-145TN is a semiautomatic hardness testing machine, with high accuracy, reliability and durability, it is applied at the workshops and measurement departments for determining the Rockwell hardness of metal and plastic material.





FEATURES

- Horizontal Protrudent Indenter Design 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 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 ob value.

TECHNICAL SPECIFICATION

Product Name	Digital Twin Rockwell Hardness Tester
Model	Twin RoboRock-145TN
Rockwell Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV,
Superficial Rockwell Scales	15T, 30T, 45T ; 15W, 30W, 45W; 15X, 30X, 45X; 15Y, 30Y, 45Y
Memory	Max 400 items of test results stored automatically
Preliminary Test Force	29.4N(3Kgf), 98.1N (10kgf)
Total test force	147.1N(15kgf), 294.3N(30Kgf), 441.3N(45Kgf), 588.4N (60kgf), 980.7N (100kgf), 1471N (150kgf)
Operation	Menu selectable, Membrane keypad
Dwell Time	Adjustable 2-50s
Hardness Indication	High definition backlight LCD
Resolution	0.1HR
Data-Output	RS-232



Hardness Conversion	HRC、HRB、HRA、HV、HK、HBW、etc
Max. Height Of Specimen	260mm
Instrument Throat	150mm
Dimension(LxWxH)	710 x210 x830mm
Power supply	AC 220V/50Hz;AC110V/60Hz
Gross/Net Weight	125Kg/95Kg
Execution Standard	ISO 6508, ASTM E18, JIS Z2245, GB/T230

SCOPE OF SUPPLY

Twin RoboRock-145TN unit	Hardness Test Block HRA, HRB, HRC (each)
Hardness Test Block HR30N, HR30T	Ø 1.588mm Ball indenter
Cone Diamond Indenter	Flat Anvil
V-shape Anvil	Weight A, B, C
Instrument Manual	Test Certificate
Accessories Box	Screwdriver and mounting screw for indenter