

QC-DR1 Full-Auto Rockwell Hardness Tester

Standard

GB/T230.2, JIS Z2245, EN-ISO6508, ASTM-E-18

Applications

Hard alloy / Surface hardened steel / Copper alloy / Carburized steel /

Hard cast steel / Malleable casting / Annealed steel / Hardened steel /

Aluminum alloy / Soft steel / Bearing steel

Appearance



Specification

Model	QC-DR1 Full-Auto Rockwell Hardness Tester
Preliminary Test Force	10Kgf(98.1N)
Total Test Force	60Kgf(588.4N),100Kgf(980.7N),150Kgf(1471N)
Rockwell Scale	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK,HRL, HRM, HRP, HRR, HRS, HRV
Holding Time	1-60s Adjustable
Value Display	5.2" Touched screen panel
Resolution	0.1HR
Loading Mode	Auto loading / constant /unloading
Conversion Scale	HRC、HV、HBS、HBW、HK、HAR、HRD、HR15N、HR30N、HR45N、HS、HRF、HR15T、HR30T、HR45T、HRB
Language	Chinese、English、German、Portuguese、Turkish、Czech、Korean
Software Correction	-3.0HR ~ +3.0HR, Step value 0.1HR
Data Processing	line chart analyzing for 2000 group single data ; providing single/group data viewing
Test Space	Max. height:280mm Depth:170mm
Power Supply	AC220V/50Hz or AC110V/60Hz
Dimension	620x210x900mm
Weight	125Kg

Standard Accessories

Product	Item
QC-DR1	Full-Auto Rockwell Hardness Tester
Ball Intender	Ø1.588mm Steel ball、Diamond Ball Intender
Test platform	Ø60mm、Ø200mm、Ø40mm (V-shape)
Weight	Weight A、Weight B、Weight C
Standard Hardness Test Piece	HRC (20-33)、HRC (57-70)、HRB (85-100)
Other	Tool box、Level、Dust cover、Power cable

Optional Accessories

Accessories	Accessories	Accessories
1/8" Ball intender	1/4" Ball intender	1/2" Ball intender
Ø1/8" Steel ball	Ø 1/4" Steel ball	Ø 1/2" Steel ball
Test platform	Intender protector	Software

Features

- Auto platform lifting, auto load-change, auto loading/unloading, auto calculation, auto testing.
- 5.2 " touched screen panel, which can show test force, holding time, conversion value, intender type, and so on.
- Auto calculating and displaying test result, Max, Min, Average, and hardness deviation.
- Available to functions: upper and lower limit, data analysis for chart, single data test and group data test.
- With software compensation function, no need for mechanical adjustment.
- Available to auto conversion of hardness value, without checking hardness contrast table.
- Available languages: Chinese, English, German, Portuguese, Turkish, Czech, Korean.
- Available to save 2000 single test results and 1000 group test results.