

ROCKWELL HARDNESS TESTER Series 600MRD™

Motorized version with digital reading and output

The Series 600 Rockwell testers are versatile, user-friendly, and provide an affordable solution for accurate Rockwell hardness scale testing, at production for quality assurance or in physical labs. A full range of sizes and models can accommodate all test scale requirements and applications. Both digital and analogue versions are available. The accuracy of our Series 600 is conforming to EN-ISO 6508, ASTM E-18 and JIS standards. All testers come with full WOLPERT test certificate and a package of standard accessories.

- Easy WOLPERT+ menu for safe & sound operation
- Test all Rockwell regular or superficial scales
- Direct load selection
- Large working space of 170mm or 340mm (extended version L)
- Hardness value, statistics and conversions on backlit display
- Built-in thermal printer and data output
- Automatically corrected hardness value for cylindrical products
- Language selection
- Clamping nose for stabilised testing (optional)

TECHNICAL SPECIFICATIONS

Model	600-MRD	600-MRD/L	600-MRD/S	600-MRD/LS
Rockwell scales	A, B, C, D, E, F, G, H, K, L, M, P, R, S & V		HRN, -T, -X and -Y	
Test loads	60kg, 100kg, 150kg [10kg pre-load]		15kg, 30kg, 45kg [3kg pre-load]	
Test force selection	Dial			
Test force application	Automatic (loading/dwell/unloading)			
Load duration (Dwell time)	4 to 99 sec			
Accuracy Conform to	EN-ISO 6508, ASTM E-18 and JIS			
Hardness resolution	0,1 of a Rockwell unit			
Display	LCD-display, Hardness value, Rockwell scale, Test force indicator, Dwell time, limits (GO/NO GO)			
Statistics	No. of tests, average, S.dev., range, real time after each test			
Data Output	Built-in printer (values & statistics), RS232 serial Conversion: Vickers, Brinell, Tensile, Rockwell, Superficial Rockwell			
Vertical accommodation	170mm (6.7"), for long version 340mm (13.4")			
Depth from the centerline	165mm (6.5")			
Anvil	Flat ø 63mm			
Specimen access	External surfaces, Cylindrical specimens down to 3 mm diameter			
Operating temperature	Range: 10 to 38°C (50 to 100F)			
Humidity	10% to 90% non condensing			
Dimensions (LxWxH)	227mm x 516mm x 715mm (Long versions 895mm high)			
Weight	85kg or 95kg for the long version			
Power supply	220/240V AC, 50Hz			

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Accessories

Check with your WOLPERT agent for specified packages included with the hardness tester as standard delivery.

Check latest accessories update on: www.wolpertgroup.com

- Rockwell diamond indenter
- Rockwell ball indenters and spare balls
- Flat testing table 63mm
- Flat testing table 150mm
- V-anvil
- Spot anvil 10mm diameter
- Cylindrical anvil
- Eyeball anvil
- Goose neck anvils
- Diamond spot anvil
- Vari-rest support for long bars
- Clamping protection nose
- Four adjustable feet
- Spindle protection cover
- Dust cover
- Accessories suitcase
- Floor stand cabinet
- Rockwell hardness reference blocks

Vari-rest support for long bars



Integrated thermal printer

