

# ROCKWELL HARDNESS TESTER Series 500RA/500MRA™

## Analogue manual or motorized versions

The Series 500 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 manual and motorized versions are available. The accuracy of our Series 500 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.

- Test all Rockwell regular or superficial scales (for combined twin tester see models 660 and 2000)
- Direct load selection
- Manual or motorized load application
- Large working space of 170mm or 340mm (extended version L)
- Rugged construction will stand up to the harshest environments
- Clamping nose for stabilised testing (optional)

## TECHNICAL SPECIFICATIONS

Model	500-RA	500-MRA	500-MRA/L	500-MRA/S	500-MRA/LS
Rockwell scales	A, B, C, F			HRT and -N	
Test loads	60kg, 100kg, 150kg [10kg pre-load]			15kg, 30kg, 45kg [3kg pre-load]	
Test force selection	Dial				
Test force application	By force lever	Motorized (loading/dwell/unloading)			
Load duration (Dwell time)	By force lever	4 to 99 sec			
Accuracy conform to	EN-ISO 6508, ASTM E-18 and JIS				
Hardness resolution	0,5 of a Rockwell unit				
Display	Dial indicator	Dial indicator and digital dwell time indicator			
Statistics	-				
Data Output	-				
Vertical accomodation	170mm (6.7"), for long version 340mm (13.4")				
Depth from the centerline	165mm (6.5")				
Anvil	Flat O 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				

# ROCKWELL HARDNESS TESTER Series 500RA/500MRA™

Analogue manual or motorized versions

## 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](http://www.wolpertgroup.com)*

- Rockwell diamond indenter
- Rockwell ball indenters and spare balls
- Flat testing table 63mm / 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:



Manual



Motorized