

## **ROCKWELL® HARDNESS TESTER 500MRA-500MRA/S™**

Motorized hardness testers for Regular or Superficial Rockwell scales

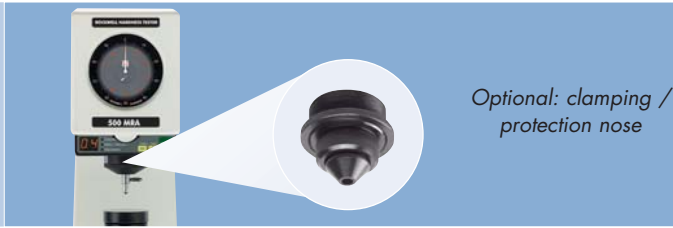
### **STANDARD DELIVERY**

- 500MRA or 500MRA/S main unit
- Diamond Rockwell indenter
- Rockwell ball indenter 1/16"
- Spare balls 1/16" (5 pcs)
- Flat anvil Ø 63mm
- Hardness test blocks 500-MRA:  
±60HRC, ±40HRC, ±85HRB
- Hardness test blocks 500-MRA/S:  
±90HR15N, ±78HR30N, ±75HR30T
- Power cable
- Fuse 1A (2 pcs)
- Adjustable feet (4pcs)
- Spindle protection cover
- Solid accessories case
- WILSON-WOLPERT certificate
- Installation & users manual

### **OPTIONAL ACCESSORIES**

- Clamping nose
- Certified test blocks
- Certified indenters & balls  
See pages indenters  
and test blocks
- Flat anvil Ø 150mm
- V-anvil Ø 40mm
- Pedestal spot anvil Ø 10mm





Optional: clamping / protection nose



Keypad with START button and DWELL TIME up/down; LED display shows exact load duration

## 2 available models in these series:

- 500MRA: regular Rockwell scales
- 500MRA/S: superficial Rockwell scales
- Digital control of load direction (dwell time)
- Accuracy, reliability and durability at extremely affordable price
- Rugged construction, will stand up to the harshest environments
- Accuracy conform EN-ISO 6508, ASTM E-18 and JIS
- Standard delivery including accessories ready for testing all scales

## TECHNICAL SPECIFICATIONS

|                        |   |
|------------------------|---|
| Rockwell scales        | 500MRA : A,B, C, F<br>500MRA/S: HRT and HRN   |
| Hardness resolution    | 0.5 of a Rockwell unit  |
| Test loads             | 500MRA : 60, 100, 150kgf (10kgf preload)<br>500MRA/S : 15, 30, 45kgf (3kgf preload) |
| Display                | Dial indicator  |
| Test cycle             | Motorized (preload applied manual)  |
| Dwell time             | 4-99sec   |
| Data output            | Non   |
| Accuracy               | Conform to EN-ISO 6508, ASTM E-18 and JIS   |
| Specimen accommodation | Vertical space 170mm (6.7")<br>Horizontal space from centerline 165mm (6.5")        |
| Specimen access        | External surfaces<br>Cylindrical surfaces down to 3mm diameter                      |
| Power supply           | 220/240V 50Hz   |
| Machine dimensions     | 227mm x 516mm x 715mm   |
| Machine weight         | 85kg  |