

# RD-150AUTO · RD45AUTO (Super ficial) MODULAR ROCKWELL HARDNESS TESTER



**High Precision**

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**Repeatable**

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**Automatic**

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**Fast and Easy  
Operation**

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**Wide Application**

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**Lightweight:  
Less than 20 Kg**

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**Small: 500mm X  
280mm X 200mm**

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**250mm Vertical  
Clearance**

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**130mm Depth**

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# MAIN UNIT

**RD-150AUTO** and **RD-45AUTO** (Superficial) Modular Rockwell Hardness Testers are accurate advanced instruments built with precise force sensors and depth measurement systems for high repeatability and reliability. These automatic test machines are easy to use. Just push a button to get a precise test result in 10 seconds!



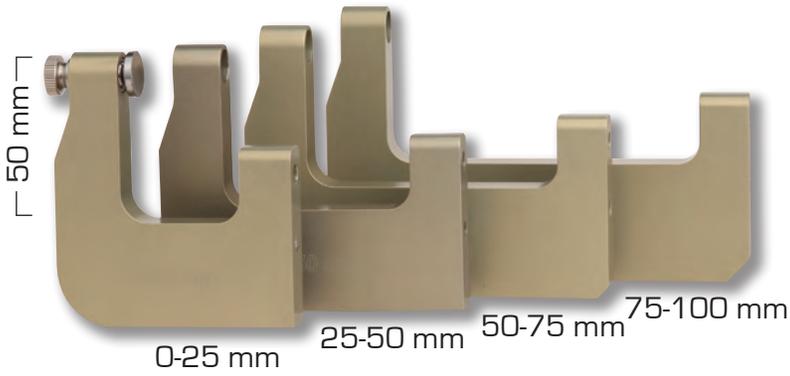
## SPECIFICATIONS

|                        | <b>RD-150AUTO</b>   | <b>RD-45AUTO</b>                    |
|------------------------|---|-------------------------------------|
| Preliminary Load Kg(N) | 10 (98.07)  | 3 (29.42)                           |
| Total Test Force Kg(N) | 60, 100, 150<br>(588.4, 980.7, 1471)                                    | 15, 30, 45<br>(147.1, 294.2, 441.3) |
| Test Scale             | A, B, C   | 15N, 30N, 45N<br>15T, 30T, 45T      |
| Test Load Control      | Load Cell Based Feedback Loop System                                    |                                     |
| Test Cycle Type        | Motorized (Auto Load, Test and Return)                                  |                                     |
| Standards Compliant    | ASTM E18, ISO 6508, ASTM E140   |                                     |
| Resolution             | 0.1 HR  |                                     |
| Data Output            | Bluetooth (to Printer), USB (to PC)                                     |                                     |
| Data Memory            | 1000 Test Results   |                                     |
| Battery                | Rechargeable Li-ion Battery<br>Work Time 6 hours<br>Charge Time 2 hours |                                     |
| Weight                 | 2 Kg  |                                     |
| Dimensions             | 200mm X 110mm X 46mm  |                                     |

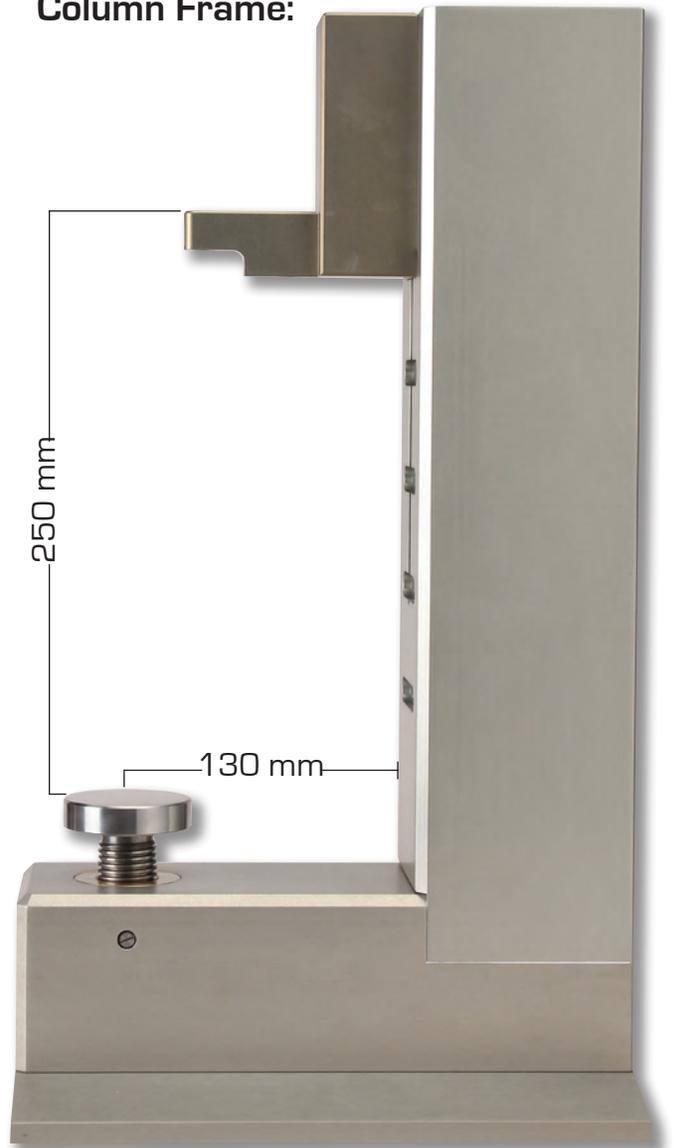
These versatile testers are customizable with different frames to accommodate test specimens of many sizes and shapes.

# ACCESSORIES

## Retaining Frames



## Column Frame:



## Tube Testing Frame



Tube Wall Thickness Up to 20 mm

## Certified Tester Blocks and Indenters



## Bluetooth Printer

