



# OMEGA-RT-60/150

## DIGITAL ROCKWELL HARDNESS TESTER

## PRECISION HARDNESS TESTING

Economical Choice | User-Friendly Design

SPECIFICATION	OMEGA-RT-60/150
<b>Rockwell Tester</b>	Standard Rockwell Tester
<b>Automation</b>	Semi-Automated
<b>Rockwell Scales</b>	HRA, HRD, HRC, HRFW, HRBW, HRGW, HRHW, HREW, HRKW, HRL, HRM, HRR, HRP, HRS, HRV
<b>Preliminary test force</b>	10 Kgr (98.07N)
<b>Full test force</b>	60 Kgf, 100 Kgf, 150 Kgf
<b>Hardness resolution</b>	0.1 HR
<b>Dwell time</b>	Adjustable 0-60 seconds
<b>Auto Hardness conversion</b>	HV, HK, HRA, HRBW, HRC, HRD, HREW, HRFW, HRGW, HRKW, HR15N, HR30N, HR45N, HR15TW, HR30TW, HR45TW, HS, HBW
<b>Illumination</b>	Halogen (LED optional)
<b>Instrument Throat Height</b>	6.5-inch (165 mm)
<b>Power</b>	110 or 220V
<b>Dimensions (W x D x H)</b>	8.5 x 20 x 28 inch (215 x 520 x 700mm)
<b>Weight</b>	72 lbs (78 kg)
<b>Direct Certification (optional)</b>	3rd Party

**2 year warranty**

Limited warranty



### Versatile and Accurate Hardness Testing

The OMEGA-RT-60/150 Digital Rockwell Hardness Tester offers semi-automated operation for precise evaluation of metallographic specimen hardness. With loading options of 60 Kgf, 100 Kgf, and 150 Kgf, it provides versatility to meet various testing requirements. The built-in LCD screen clearly displays hardness values, and the device supports automatic conversion to 14 different hardness scales, ensuring accurate and reliable results every time.



Testing Table Anvil,  
Flat Anvil, and V-Anvil  
(from left to right)

### Robust Design and User-Friendly Operation

Engineered for durability, the OMEGA-RT-60/150 features a robust design that withstands the demands of frequent use. The tester includes adjustable loading and dwell times ranging from 1 to 60 seconds, giving users control over the testing process. The LED speed display and RS232 data output further enhance the ease of use, making it an ideal choice for laboratories seeking efficiency and precision.

### Cost-Effective Compliance and Ease of Maintenance

Conforming to ASTM E-18 standards, the OMEGA-RT-60/150 delivers reliable performance while remaining economically priced. Its low maintenance requirements and user-friendly design ensure long-term usability, making it a cost-effective solution for any lab. Easy to service and operate, this tester is perfect for those needing high-quality hardness testing without compromising on budget.

