



# OMEGA-AUTO-RST

DUAL ROCKWELL/SUPERFICIAL ROCKWELL TESTER

## PRECISION DUAL ROCKWELL TESTER

Fully Automated | Robust & Durable Design

SPECIFICATION	OMEGA-AUTO-RST
<b>Rockwell Type</b>	Dual Rockwell / Superficial Rockwell
<b>Automation</b>	Fully Automated
<b>Rockwell Scales</b>	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRR, HRP, HRS, HRV
<b>Preliminary Test Force</b>	3 Kgr (Superficial), 10 Kgr (Rockwell)
<b>Full Test Force</b>	15, 30, and 45 Kgf (Superficial) 60, 100, and 150 Kgf (Rockwell)
<b>Hardness Resolution</b>	0.1 HR
<b>Dwell Time</b>	Adjustable 1-60 seconds
<b>Auto Hardness Conversion</b>	HRC, HV, HBS, HBW, HK, HRA, HRD, HR15N, HR30N, HR45N, HS, HRF, HR15T, HR30T, HR45T, HRB
<b>Max Height of Specimen</b>	11 inches (280 mm)
<b>Power</b>	110 or 220V
<b>Dimensions (W x D x H)</b>	9 x 24 x 34.8 inches (225 x 615 x 885 mm)
<b>Weight</b>	275.6 lbs (125 Kg)
<b>Direct Certification (Optional)</b>	3rd Party

**2 year warranty**

Limited warranty



### Fully Automated Dual-Scale Operation

Seamlessly switch between Rockwell and Superficial Rockwell tests with one-touch operation that automates loading, measuring, and hardness conversion, ensuring consistent and precise results across various test forces.

### User-Friendly Interface for Customizable Testing

The color touchscreen enables quick control of parameters, including dwell times (1-60 seconds), and allows upper and lower limit settings for efficient quality control and detailed monitoring.

### Durable Build for Heavy-Duty Performance

Engineered for durability, this robust tester handles full test forces up to 150 Kgf and accommodates specimens up to 11 inches, making it ideal for demanding laboratory applications.



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



Machinery directive 2006/42/EC  
RoHS Directive 2011/65/EU



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