



VERSATILE HARDNESS TESTER

One Touch Operation | Robust & Durable Design

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

2 year warranty
Limited warranty



Effortless Precision with One-Touch Operation

Simplify your hardness testing process with a fully automated system that handles load changes, lifting, loading, and measuring - all at the press of a button. The tester provides consistent, accurate measurements, eliminating human error for enhanced reliability.



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

Versatile Testing for Various Load Requirements

With an initial test force of 10 Kgf and selectable total test forces of 60, 100, and 150 Kgf, this machine adapts easily to diverse sample needs, ensuring compatibility with a range of testing standards and materials.

Enhanced Quality Control with Limit Setting and Robust Design

Improve your inspection workflow by setting upper and lower limits for pass / fail criteria while benefiting from a robust and durable construction that withstands demanding industrial environments, ensuring long-lasting performance.



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



3601 E. 34th Street, Tucson, AZ 85713
P: +1 (520) 882-6598
F: +1 (520) 882-6599
pace@metallographic.com