

PACE[®] **TECHNOLOGIES**

www.metallographic.com

Rockwell Fully Automated Hardness Tester (OMEGA AUTO-RT)

OMEGA AUTO-RT is an automated digital Rockwell hardness tester (Part No. OMEGA AUTO-RT). The OMEGA AUTO hardness testers are designed to accurately evaluate metallographic Rockwell and/or Superficial Rockwell specimen hardness.

- **Fully-automated**
- **60 Kgf, 100 Kgf and 150 Kgf loading**
- **One touch operation**
- **Auto load change**
- **Auto lifting**
- **Auto loading**
- **Auto measuring**
- **Auto conversion**
- **Data transmission**
- **Color touch screen**
- **Ability to set upper and lower limits**
- **Stores up to 2000 single test results, 1000 group test results**
- **Optional data analysis software and Bluetooth receiver to input and analyze data**
- **Supports FexQMS data analysis and control software**
- **Easy to use**

Technical Specifications:

Feature	OMEGA-AUTO-RT Specification
Rockwell scales	HRA, HRB,HRC,HRD,HRE, HRF, HRG,HRH,HRK,HRL, HRM, HRR, HRP, HRS,HRV
Preliminary test force	10 Kgr (98.07N)
Full test force	60 Kgf, 100 Kgr, 150 Kgf
Hardness resolution	0.1 HR
Dwell time	Adjustable 1-60 seconds
Auto Hardness conversion	HRC, HRB, HRA, HV, HK, HBW, etc
Max Height of Specimen	11 inches (280 mm)
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)
Accuracy	Conforms to ASTM E-18

Automated Rockwell Hardness Testers

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**Automated Rockwell
hardness tester**



Rockwell Hardness Tester Accessories

1/8-inch steel ball indenter	811-431
1/4-inch steel ball indenter	811-451
1/2-inch steel ball indenter	811-471
1/8-inch steel ball	811-441
1/4-inch steel ball	811-461
1/2-inch steel ball	811-481
Fuses	811-811
Cone diamond indenter	811-401
55 mm anvil	811-511
55 mm V-shpaed anvil	811-521
100 mm flat anvil	811-531
150 mm flat anvil	811-541
Small flat anvil	811-501

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