

# **PACE<sup>®</sup>** **TECHNOLOGIES**

*www.metallographic.com*

## **Dual Rockwell/ Superficial Rockwell Semi-Automated Hardness Tester (OMEGA DIGI-RST)**

OMEGA DIGI-RST is a semi-automated digital Rockwell and Superficial Rockwell hardness tester. The OMEGA DIGI hardness testers are designed to evaluate metallographic specimen Superficial and Rockwell hardness.

- **Semi-automated**
- **15 Kgf, 30 Kgf and 45 Kgf loading (Superficial)**
- **60 Kgf, 100 Kgf and 150 Kgf loading (Rockwell)**
- **Color touch screen that displays loading force, indenter type, dwell time and conversion scale**
- **Motorized control of loading, dwell, and unloading**
- **Built-in microprocessor that automatically computes maximum, minimum, mean and deviation values**
- **Resolution 0.1 HR**
- **Automatic conversion**
- **Store up to 2000 single testing results and 1000 group results for review and analysis**
- **LCD displays hardness**
- **Robust and durable design**
- **Loading time and dwell time (1-60 seconds)**
- **Includes a RS232 data output**

### **Technical Specifications:**

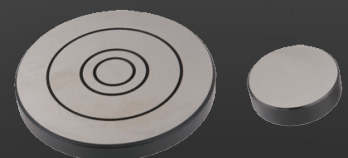
<b>Feature</b>	<b>OMEGA-DIGI-RT Specification</b>
Rockwell scales	HRA, HRB,HRC,HRD,HRE, HRF, HRG,HRH,HRK,HRL, HRM, HRR, HRP, HRS,HRV
Preliminary test force	3 Kgf (29.4N) 10 Kgr (98.07N)
Superficial Load	15 Kgf, 30 Kgr, 45 Kgf
Rockwell Load	60 Kgf, 100 Kgr, 150 Kgf
Hardness resolution	0.1 HR
Dwell time	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	6.9 inches (175 mm)
Dimensions (W x D x H)	7 x 21.5 x 30 inches (182 x 546 x 755 mm)
Weight	198 lbs (90 kg)
Accuracy	Conforms to ASTM E-18

# **Dual Superficial Rockwell Hardness Tester**

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**Semi-Automated Dual Superficial / 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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