

# 3834 HARDNESS TESTER

## DIGITAL TWIN ROCKWELL/SUPERFICIAL ROCKWELL



### METROLOGY SOLUTIONS

The 3834 Digital Rockwell Hardness Tester with fully automated load/unload procedures affords highly sensitive and accurate readings. Microcomputer controlled touch screen with USB data output. The 3834 Digital Rockwell Hardness Tester offers programmable scale conversions, dwell times, statistical capabilities and test counter. Capable of testing in all of the regular Rockwell and Superficial Rockwell hardness scales.

#### FEATURES

- Direct loading method with load-cell instead of dead-weight system
- High speed test cycle
- Extremely accurate loading control
- Cast iron body
- Touch screen controlled microcomputer
- Automatic conversions to HB, HV, Popular Rockwell scales
- USB data output



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#### Accessories Included

C/N-scale Diamond Indentor  
 1/16" Ball Indentor  
 3- Certified HRC Test Blocks  
 1- Certified HRN Test Block  
 1- Certified HRB Test Block  
 1 - Certified HRT Test Block  
 Test Table 5.87" (150mm)  
 Flat Anvil 2.5" (63mm)  
 Std. V-Anvil  
 Dust Cover

#### Digital Rockwell Hardness Tester

Cat. No.	EDP	Description
3834	02044	3834 Hardness Tester

#### Specifications

Minor Load	3 Kgf, 10 Kgf
Major Load	15 Kgf, 30 Kgf, 45 Kgf, 60 Kgf, 100 Kgf, 150 Kgf
Test Force Application	Load cell closed loop
Test Force Control	Motorized
Resolution	0.1HR
Vertical Capacity	8.0" (203mm)
Throat Depth	7.8" (198mm)
Upper/Lower Limits Setting & Alarming	Yes
Height	22" (560mm)
Width	8" (200mm)
Depth	31" (790mm)
Weight (Net/Shipping)	225lbs / 250lbs
Operation Temperature	50°-95°F (10°-35°C)
Power Supply	Single phase, AC, 110-220 with manual change, 50-60Hz, 4A