

# 3833 HARDNESS TESTER

## DIGITAL/SUPERFICIAL ROCKWELL HARDNESS TESTER

# Starrett®

## METROLOGY SOLUTIONS

This Digital Superficial Rockwell Hardness Tester with fully automated load/unload procedures affords highly sensitive and accurate readings. Micro computer controlled touch screen with USB data output. The 3833 Digital Superficial Rockwell Hardness Tester offers programmable scale conversions, dwell times, statistical capabilities and test counter. Capable of testing in all of the 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, Regular Rockwell Scales
- USB data output



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### Accessories Included

N-scale Diamond Indentor  
 1/16" Ball Indentor  
 2- Certified HRN Test Blocks  
 3- Certified HRT Test Blocks  
 Test table 5.87" (150mm)  
 Flat anvil 2.5" (63mm)  
 Std. V-Anvil  
 Dust Cover  
 Accessory Case

### Digital Rockwell Hardness Tester

Cat. No.	EDP	Description
3833	02043	3833 Hardness Tester

### Specifications

Minor Load	3 Kgf
Major Load	15 Kgf, 30 Kgf, 45 Kgf
Test Force Application	Load cell closed loop
Test Force Control	Motorized
Resolution	0.01HR
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