

# 3831 HARDNESS TESTER

## DIGITAL ROCKWELL HARDNESS TESTER

# Starrett®

## METROLOGY SOLUTIONS

This Digital Rockwell Hardness Tester can be used directly to measure the most popular regular Rockwell hardness scales and it can quickly convert that hardness value into HB, HV, HLD, HK and many other scales. Loaded with many useful features such as ultra precise results, wide measuring range, scale and test force selectable, automatic main test force loading/unloading, high resolution digital display and USB data storage. The 3831 is suitable for testing hardness of carbon steel, alloy steel, cast iron, non-ferrous metals and engineering plastics.

### FEATURES

- Direct digital reading
- Engineered to obtain highly sensitive and accurate readings
- Perfect for laboratories, workshops, tool rooms, inspection labs, etc.
- Touch screen controlled microcomputer
- USB data output



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### Accessories Included

C-scale Diamond Indentor  
 1/16" Ball Indentor  
 3- Certified HRC Test Blocks  
 1- Certified HRB Test Block  
 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
3831	02041	3831 Hardness Tester,

### Specifications

Minor Load	10 Kgf
Major Load	60 Kgf, 100 Kgf, 150 Kgf
Test Force Application	Dead Weight
Test Force Control	Motorized
Resolution	0.1 HR
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)	175lbs / 250lbs
Operation Temperature	50°-95°F (10°-35°C)
Power Supply	Single Phase, AC, 110-220 with manual change, 50-60Hz, 4A