

# 3840 HARDNESS TESTER

## MICRO VICKERS HARDNESS TESTER

# Starrett®

## METROLOGY SOLUTIONS

The 3840 Micro Vickers Hardness Testers are precise testing systems suitable for hardness analysis of metallic specimens in metallography laboratories or production environments. These Micro Vickers Hardness Testers are versatile and user-friendly systems, designed for the accurate hardness testing of small precision parts, thin materials, coatings, wires and case depth determinations.

### FEATURES

- Includes video cam, adapter, and USB output cable
- High speed test cycle
- Choice of 2-variants of measurement software
- Load range from 10g to 1kg
- Conforms to ASTM E-384/92
- USB Data output



3840

### Accessories Included

Base Machine  
 X-Y Stage w/ Micrometer  
 Mini Thin Part Holding Fixture  
 Mini Drill Chuck Fixture  
 Mini Vise Fixture  
 Video Cam w/adaptor  
 Measurement Software  
 USB Cable

### Vickers Hardness Tester

Cat. No.	EDP	Description
3840A	02051	Vickers Hardness Tester w/ Manual Measurement Software
3840B	02052	Vickers Hardness Tester w/ Auto Measurement Software

### Specifications

Testing Range	1HV~2967HV
Test Force	0.098N(10g), 0.246N(25g), 0.49N(50g), 0.98N(100g) 1.96N(200g), 4.90N(500g), 9.80N(1000g)
Max Height of Specimen	2.8" (70mm)
Max Distance from the Indenter Center to Instrument Panel	3.7" (95mm)
Lens/Indenters with	Hand Turret
Carriage Control	Automatic (loading /holding-up of the load/unloading)
Amplification of the Microscope	100x, 400x
Dwell Time	(5-60)S
Min. Graduation Value of the Testing Drum Wheel	0.25um
Dimension of the XY Table	100 x 100mm
Movement Field of the XY Table	25 x 25mm
Light Source/Power Supply	110/220v, 60/50Hz - Cold Light Source
Weight (Net/Shipping)	80lbs / 155lbs
Dimensions	17 x 10 x 20" (430mm x 254mm x 510mm)