

3841 HARDNESS TESTER

MICRO VICKERS HARDNESS TESTER



METROLOGY SOLUTIONS

The 3841 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 4-variants of measurement software
- Load range from 10g to 1kg
- Conforms to ASTM E-384/92
- USB data output



3841

Accessories Included

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

Vickers Hardness Tester

Cat. No.	EDP	Description
3841A	02053	Vickers Hardness Tester w/ Manual Measurement Software
3841B	02054	Vickers Hardness Tester w/ Auto Measurement Software
3841C	02055	Vickers Hardness Tester w/ Turret Control - Manual Measurement Software
3841D	02056	Vickers Hardness Tester w/ Turret Control - 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 of the Test Force	(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)