

THV-2000 Digital Micro Vickers Hardness Tester



Features:

New high-tech product integrating mechanical and photoelectrical technologies

- Equipped with a digital microscope, direct display of the measuring method, test force, indentation length, hardness value, dwell time of test force
- Camera device can be connected via RS232 interface
- Especially suitable for testing the hardness of micro and thin specimen, fragile material
- By means of a 10× objective and a 40× objective, the tester has wide measurement and high accuracy
- Optional Knoop indenter can be used to measure Knoop hardness value
- Print out testing results through built-in printer

Technical Specification

Test Forces	(0.098, 0.246, 0.49, 0.98, 1.96, 2.94, 4.90, 9.80) N (10, 25, 50, 100, 200, 300, 500, 1000) gf
Carriage Control: automatic	loading / dwell / unloading
Amplification of the Microscope	100 ×、 400 ×
Dwell Time of the Test Force	(5-60)s
Min. Graduation Value of the Testing Drum Wheel	0.0625um
Testing Field	1HV—2967HV
Dimension of the XY Table	100 × 100 mm
Movement Field of the XY Table	25 × 25mm
Max. height of the specimen	70 mm
Max. width of the specimen	95mm
Light source	cold light source
Power Supply	110V/220V,60/50Hz
Dimension	425 × 245 × 490mm

Standard delivery

main unit	1
Weights	6
Weight shaft	1
Cross testing table	1
Platelet fixture	1
Plane-holding fixture	1
Filament fixture	1
Screw drivers	2
Horizontal regulation screws	4
level	1
Power cord	1
10× numerical microscope	1
Vickers hardness blocks	2
Repair fuses (1A)	2
Certificate	1
Warranty Card	1
Instruction Manual	1

Optional accessories

- Knoop indenter
- CCD device
- Grinding machine
- Cutting machine
- Mosaic machine