

Micro Vickers Hardness Tester TH710



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

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/loading
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		Optional accessories	
TH710 main unit	1		
Weights	6		
Weight Shaft	1		• Knoop indenter
Cross testing table	1		• LCD device
Platelet fixture	1		• Grinding machine
Plane-holding fixture	1		• Cutting machine
Filament fixture	1		• Mosaic machine
Screw drivers	2		
Horizontal regulation screws	4		
Level	1		
Power cord	1		
10X numerical microscope	1		
Vickers hardness blocks	2		
Repair fuses (1A)	2		
TIME Certificate	1		
Warranty Card	1		
Instruction Manual	1		