

Digital Micro Vickers Hardness Tester TH717



Features

- Large touch Screen to display the measuring method, test force, indentation length, hardness value, dwell time of test force
- The hardness tester can be equipped with CCD measuring device
- Especially suitable for testing the hardness of micro and thin specimen, fragile material
- The tester has wide measurement and high accuracy by means of a $20\times$ objective and $40\times$ objective
- Optional Knoop indenter can be used to measure Knoop hardness value
- Print out testing results through built-in printer
- **Equipped with touch Screen and Auto- Turret for anti-maloperation**

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 / holding-up of the load / unloading
Amplification of the Microscope	$200\times$ 、 $400\times$
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
Gross Weight	45kg

Standard Delivery

TH717 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
$10\times$ numerical microscope	1
Vickers hardness blocks	2
Repair fuses (1A)	2
Cave for RS232 Interface	1
TIME certificate	1
Warranty card	1
Operation instruction	1

Optional accessory

- Knoop indenter
- LCD device