

DIGITAL MICRO VICKERS HARDNESS TESTER TH714/TH715 ISO 9001



Features:

Large LCD screen to display the measuring method, test force, indentation length, hardness value, dwell time of test force

The hardness tester can be equipped with LCD device (composed of CCD measuring device and LCD display screen)

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 10 x objective and 40 x objective

Optional Knoop indenter can be used to measure Knoop hardness value

Print out testing results through built-in printer

TH715: Equipped with 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	loading / dwell/ unloading (automatic)
Amplification of the Microscope	100 x、 400 x
Dwell Time of the Test Force	(5-60)s
Min. Graduation Value of the Testing Drum Wheel	0.0625μm
Testing Field	1HV-2967HV
Dimension of the XY Table	100 x 100 mm
Movement Field of the XY Table	25 x 25mm
Max. height of the specimen	70mm
Max. width of the specimen	95mm
Light source	cold light source
Power supply	110V/220V, 60/50Hz
Dimensions	425 x 245 x 490mm

Standard Delivery

Main unit	1
Weights	6
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 x numerical microscope	1
Vickers hardness blocks	2
Repair fuses (1A)	1
Cable for RS232 interface	1
Weight shaft	1
Instruction manual	1
TIME certificate	1
Warranty card	1

Optional Accessory

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