



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 10x objective and a 40x 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	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	0.0625 μm
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

TH712 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)	2
Weight shaft	1
Instruction manual	1
TIME certificate	1
Warranty card	1

Optional Accessory

Knoop indenter
Grinding machine
Mosaic machine
LCD device
Cutting machine