

Digital Micro Vickers Hardness Tester MHV-1000Z

Anvil Automatic up / down

Features:

- Equipped with auto turret for anti-maloperation
- 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 10X objective and 40X objective
- Optional Knoop indenter can be used to measure Knoop hardness value
- Print out testing results through built-in printer



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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	70mm
Max. width of the specimen	95mm
Light source	cold light source
Power supply	110V/220V,60/50Hz
Dimension	425 × 245 × 490mm

Standard Delivery:

● MHV-1000Z main unit	1	● Power cord	1
● Weights	6	● 10x numerical microscope	1
● Cross testing table	1	● Vickers hardness blocks	2
● Platelet fixture	1	● Repair fuses (1A)	1
● Plane-holding fixture	1	● Cave for RS232 Interface	1
● Filament fixture	1	● Weight shaft	1
● Screw drivers	2	● Instruction manual	1
● Horizontal regulation screws	4	● TIME certificate	1
● Weight level	1	● Warranty card	1

Optional Accessory:

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