Digital Micro Vickers Hardness Tester HVS-1000Z
Anvil Automatic up / down

Features:

- Equipped with auto turret for anti-maloperation
- 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

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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:

- HVS-1000Z 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× 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
- LCD device
- Grinding machine
- Cutting machine
- Mosaic machine