

# MIDLAND METROLOGY LTD

## Economical Digital Micro Vickers Hardness Tester DHV-1000 Series



### Description:

- DHV-1000 Series is a precision Micro Vickers hardness testing machine integrating optics, mechanics, and computer.
- DHV-1000 is equipped with LCD Screen to make the operation easy to use.
- DHV-1000 capable of Vickers or Knoop hardness tests.
- DHV-1000 series can be equipped with a CCD device.
- Suitable for micro/thin pieces and materials such as agate, glass & ceramics.

### Specifications:

Product Name		Manual-turret Micro Vickers Hardness Tester	Auto-turret Micro Vickers Hardness Tester
Model		DHV-1000	DHV-1000Z
Testing Force	gf	10 25 50 100 200 300 500 1000	
	N	0.098 0.246 0.49 0.98 1.96 2.94 4.90 9.80	
Indentation Measurement		Mechanical Micrometer	
Loading Control		Automatic (Loading, Dwell, Unloading)	
Magnification of Microscope		Observation:10x Measurement:40x	
Magnification of Eyepiece		10x Eyepiece	
Dwell Time		Adjustable 5-60s	
Testing Range		1HV – 2967HV	
X-Y Stage		Size: 100x100 mm Travel: 25x25 mm Resolution: 2µm	
Illumination		Adjustable LED Light-Source (Halogen is optional)	
Max. Height of Specimen		100 mm	
Instrument Throat		95 mm	
Power Supply		AC220V / 50Hz 110V / 60Hz	
Dimension (LxWxH)		425 x 245 x 490mm.	
Packing Dimension		500 x 490 x 700 mm.	
Gross / Net Weight		45Kg / 35Kg	

### Standard Packing List:

- Vickers Indenter
- Hardness Block HV0.2
- Hardness Block HV1
- Fuse / Power Cable
- Objective Lens 40x
- Objective Lens 10x
- X-Y Stage
- Eyepiece
- Accessories Box
- Anti-dust Cover
- Level Screw
- Instruction Manual
- Weights / Gradienter
- Thin-Piece Clamp
- Filament Clamp
- Flat Clamp

### Optional Accessories:

- Knoop Indenter
- Hardness Blocks
- Vickers Measuring Software
- LCD Video Monitor
- CCD Measuring Camera
- X-Y Stage
- Digital Micrometer Head
- USB Camera
- CCD Adapter

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