

# MIDLAND METROLOGY LTD

## Advanced Digital Micro Vickers Hardness Tester MHV-1000 Series



### Description:

- MHV-1000 is a precision Micro Vickers Hardness Testing Machine incorporating optics, mechanics, and computer
- MHV-1000 is equipped with a large touch screen making its operation clear and easy to use
- MHV-1000 The LCD screen makes this machine very easy to read and operate. It displays, test method, dwell time, number of measurements, diagonal length, and hardness value
- MHV-1000 can store data and results and output to the printer
- MHV-1000 will offer conversion for 17 hardness scales and talk to a PC through the RS-232 interface
- MHV-1000 range is 10gf to 1000gf (1Kg)

### Standard Packing

- 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

Product Name		Manual-turret Micro Vickers Hardness Tester	Auto-turret Micro Vickers Hardness Tester
Model		MHV-1000	MHV-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		Digital Encoder Measurement	
Output Data		RS-232 / Printer	
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	
Auto Hardness Conversion		HRA, HRB, HRC, HV, HK, HBW etc.	
X-Y Stage		Size: 100x100 mm Travel: 25x25 mm Resolution: 2µm	
Illumination		Halogen	
Max. Height of Specimen		100 mm	
Instrument Throat		98 mm	
Power Supply		AC220V / 50Hz 110V / 60Hz	
Dimension (LxWxH)		480 x 305 x 545 mm	
Packing Dimension		500 x 490 x 700 mm	
Gross / Net Weight		45Kg / 35Kg	

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