



## Description:

- MVE-1000 Series is a precision micro Vickers hardness testing machine integrated the technology of optics, mechanics and computer.CPU control of the testing in the electric field, and adopted the highly clear optic measuring system in the field of optics as well.
- MVE-1000Series is equipped with LCD screen , the operation is more directly and clearly.
- MVE-1000 Series Inputting by touch keys on the operating board
- MVE-1000 Series with Selection of the Vickers or the Knoop measuring methods.
- MVE-1000 Series Can be equipped with CCD device.
- MVE-1000 Series is Suitable for testing the micro and thin pieces, the parts with the permeated and coated surface,it is also fit for testing Vickers and Knoop hardness value for the crisp materials such as the agate, glass, ceramics and it is.

## Specification:

Product Name		Manual-turret Micro Vickers Hardness Tester	Auto-turret Micro Vickers Hardness Tester
Model		MVE-1000M	MVE-1000A
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		Mechanic Micrometer	
Loading Control		Automatic (Loading,Dwell,Unloading)	
Magnification of Microscope		Observation:10x;Measurement:40x	
Magnification on of Eyepiece		10x Eyepiece	
Dwell Time		Adjustable 5~60s	
Testing Range		1HV~2967HV	
X-Y Anvil		Size:100x100mm;Travel:25x25mm;Resolution:2um	
Illumination		Halogen light-source	
Max. Height of Specimen		100mm	
Instrument Throat		95mm	
Power Supply		AC220V/50Hz;110V/60Hz	
Dimension(LxWxH)		425x245x490mm	
Packing Dimension		500x490x700mm	
Gross/Net Weight		45Kg/35Kg	
Execution Standard		GB/T4340.2,EN-ISO6507,ASTME10-18,ASTME-384	

## Standard Packing List:

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

## Optional Accessory:

Optional Items	Optional Items	Optional Items
Knoop Indenter	Hardness Testing Software	15x Eyepiece
Hardness Blocks	CCD measuring System	Metallographic Equipments