

Micro Hardness Tester HV-1000



Model HV-1000 adopts precise mechanical technique and photoelectrical technique.

The tester is able to adjust and measure either strong or weak light source, and is capable to pressure holding time of the test load and is displayed by LED

This tester adopts peculiar indentation measuring, inverting and read mechanism through measuring once by the micrometer eyepiece

It is easy to use, and high precision in measurement

Specifications

Test load	0.098,0.246,0.49,0.98,1.96,2.94,4.90,9.80N (10-1000kgf)	
Loading mechanism	Automatic loading and releasing method	
Magnification of microscope	Measuring:400x (Object lens 40x, Eyepiece 10x) Observation:100x (Object lens 10x, Eyepiece 10x)	
Load holding time	5-60sec	
Measuring microscope	Mechanical	
	Digital	
	Max.measuring length	150µm
	Min.measuring unit	0.5µm
Max.height of specimen	Approx 65mm	
Max.depth of specimen	Approx 85mm	
Micro test table	Dimension:100_100mm Max.movement:25mm in X&Y axis Min .micro graduation:1/100mm	
Digital data display	(5-2500)HV	
Automatic recorder		
Photographic device	Possible to install at any time	
Dimensions of tester	W290 ×D405×M480mm	
Weight of tester	25kg	
Power supply	AC220V/110V±10% 50Hz/60Hz	

Standard delivery

- Main unit 1
- Micro Vickers indenter 1
- 10 × objective 1
- 40 × objective 1
- Manual 1
- Weight shaft 1
- Cross testing table 1
- Screwdriver 2
- Horizontal adjusting screw 4
- 10× micrometer eyepiece 1
- Micro Vickers hardness test block (high) 1
- Micro Vickers hardness test block (medium) 1
- Level 1
- Lamp (6V/2 W) 2
- Fuse 1A, 2A 2
- Certificate 1
- Manual for printer 1
- Weight 6
- Fine wire holder 1

Optional accessories

- Depends on customer demand

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