

Digital Touch Screen Micro Vickers Hardness Tester XHV-1000



Description:

- XHV-1000 is a precision Micro Vickers hardness testing machine incorporating optics, mechanics and computer.
- XHV-1000 is equipped with a large LCD screen, making its operation clear and easy to use.
- XHV-1000 LCD Screen makes the machine very easy to read and operate. It displays test method, test force, dwell time, number of measurements, diagonal length and hardness value.
- XHV-1000 can store date and results and output to the printer.
- XHV-1000 will offer conversion for 17 hardness scales and talk to a PC through the RS-232 interface.

Specifications:

Product Name		Digital Touch Screen Micro Vickers Hardness Tester	
Model		XHV-1000	
Testing Force	gf	10 25 50 100 200 300 500 1000 2000	
	N	0.098 0.246 0.49 0.98 1.96 2.94 4.90 9.80 19.60	
Indentation Measurement		Digital Encoder Measurement	
Output Data		RS-232/Mini-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	
Hardness Indication		LCD Touch Screen	
X-Y Stage		Size:100x100mm Travel:25 x 25mm Resolution:2µm	
Illumination		Halogen light-source	
Max. Height of Specimen		100mm	
Instrument Throat		98mm	
Power Supply		AC 220V/50Hz 110V/60Hz	
Dimension (LxWxH)		480 x 305 x 545mm	
Packing Dimension		500 x 490 x 700mm	
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:

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