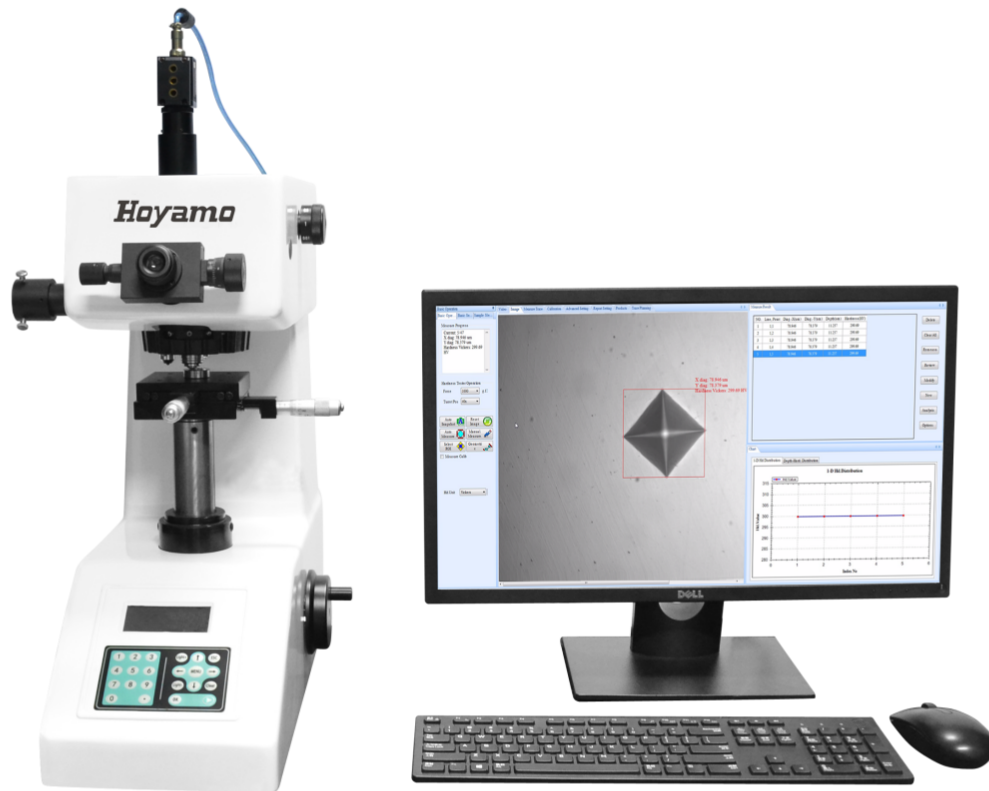


Hoyamo

www.hoyamo.com

Manual Micro Vickers Hardness Tester HMV-1000/HMV-1000Z



(Remark: The software and PC is optional on the photo)

Application Range:

- The micro hardness testing of materials allows for the determination of the hardness of small or thin specimens and small areas of larger specimens, Micro hardness testing is commonly used to determine characteristics of thin sheets, foils, fine wire, epoxies, paints, etc. and is often employed in R&D applications.
- Micro hardness is especially useful in determining hardness variations, caused by hardening, quenching, plating, fabrication, welding or annealing, bonding, etc. Micro hardness testing can be accurately employed using loads as slight as 10 grams, somewhat less and considerably more in certain situation.
- Optional Auto Micro/Vickers hardness testing software is available for CDH(Carburized layer depth) measurement.

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Add: R501, Unit 1, Building 3, Tianan Cyber Park, #1 Huangjin Road, Nancheng, Dongguan, China (523080)

Technical Specifications:

Commodity		Manual-Turret Micro Vickers Hardness Tester	Auto-Turret Micro Vickers Hardness Tester
Model		HMV-1000	HMV-1000Z
Code#		823-101	823-101Z
Hardness Scale		HV	
Hardness Conversion		HV, HR, HRC, HB, HK	
Loading Force	N	0.098、0.246、0.49、0.98、1.96、2.94、4.90、9.80	
	gf	10、25、50、100、200、300、500、1000	
Indentation Measurement		Analogue Eyepiece with Mechanic Micrometer	
		(To measure the indentation by optional Vickers Testing Software system)	
Loading Control		Automatic (Loading, Dwell, Unloading)	
Magnification of Microscope		Observation:10x/40x; Measurement:10x/40x	
Magnification on of Eyepiece		10x Analogue Eyepiece	
Dwell Time		Adjustable 5~60s	
Testing Range		1HV~3000HV	
Analogue X-Y Anvil		Size:100x100mm; Travel:25 x25mm; Resolution: 0.25um	
Optical Channel		Two-Channel: Eyepiece/camera switchable	
Illumination		Adjustable Halogen light-source	
Max. Height of Specimen		90mm	
Instrument Throat		120mm	
Operating Temperature		23±5℃	
Operating Humidity		<65%	
Power Supply		AC220V/50Hz; AC110V/60Hz	
Dimension (LxWxH)		530×290×490mm	
Gross/Net Weight		50Kg/40Kg	

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Standard Delivery:

Commodity	Code #	Commodity	Code #	Commodity	Code #
MicroVickers Intender	823-401	10x Analogue Eyepiece	823-301	Dust Cover	823-911
X-Y Working Stage	823-701	10x Objective	823-311	Toolbox	823-901
Hardness Block (700~800) HV1	823-611	40x Objective	823-341	Power Cord	823-801
Flat Precision Clamp	823-711	Thin-Piece Clamp	823-751	Filament Clamp	823-761
Hardness Block (400~500) HV0.2	823-621	Warranty Card / Qualified Certificate/ Operation Manual / Packing List	HV-1000	Flat Precision Clamp	823-711

Optional Accessories:

Commodity	Code #	Commodity	Code #	Commodity	Code #
Digital Micrometer Head	823-719	Unequal Specimen Clamp	823-741	Dell PC System	Dell3070MT
Camera Adapter	823-361	USB CMOS Camera	823-471	Vickers Measuring Software	iVicky 2.0

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