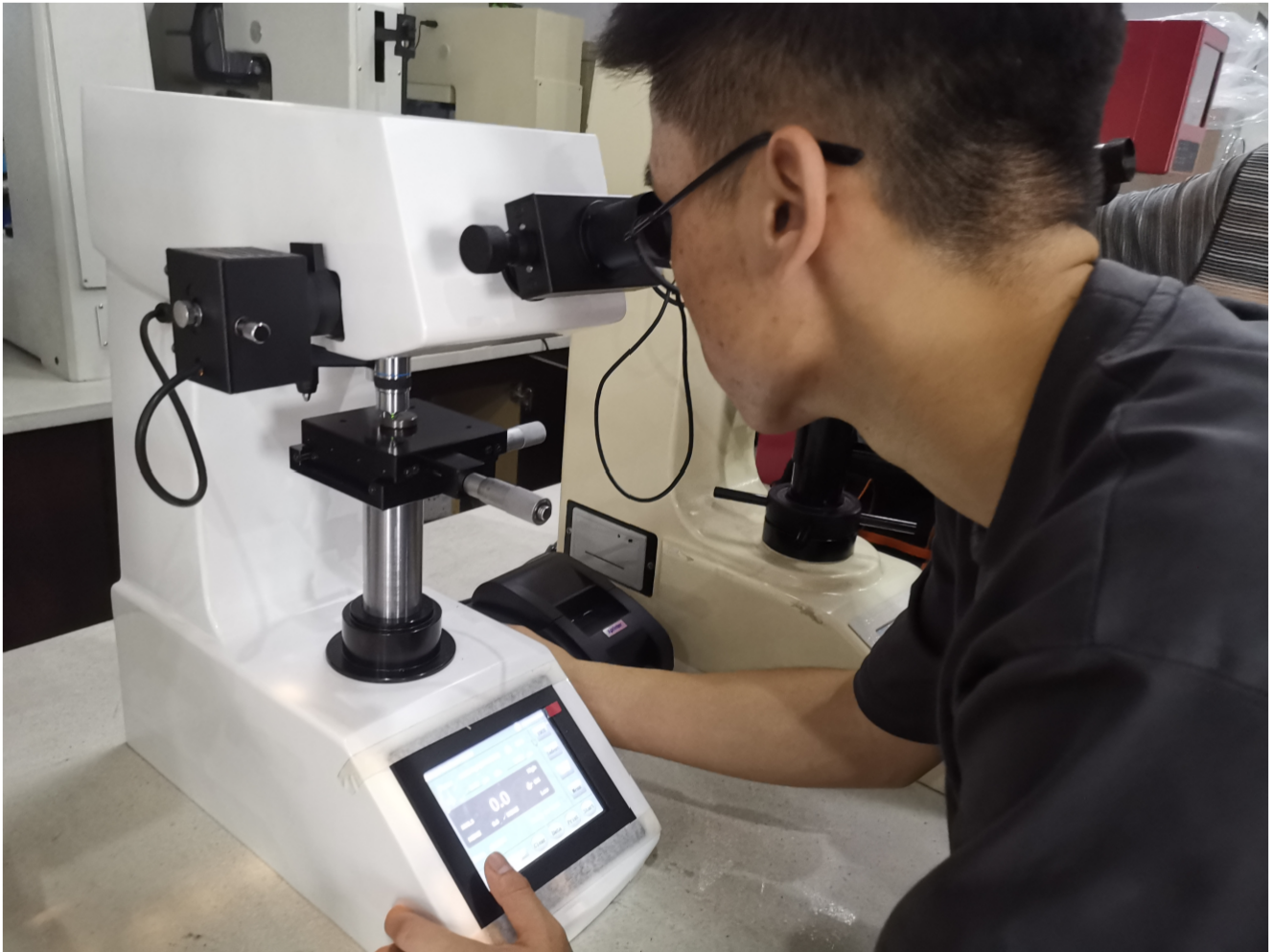


Color Touch Screen Digital Micro Vickers Hardness Tester

Model HMV-1000T



Characteristics:

- Equips with Auto Turret, close loop loading system, key panel and touch screen double input methods, blue tooth transferring technology, max loading force at 1Kgf(HMV-1000T).
- Color touch screen with innovative interface design, makes force selection, dwell time

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setting, scale conversion and data reading, transferring, printing more convenient and fast.

- Operator can smoothly switch objectives and indenter by auto turret, maximally avoid damages of objectives, indenter and force system by manually operation.
- One touch operation of diagonal line by high resolution measurement/observation objectives and built-in length encoder high definition digital eyepiece.
- Auto hardness conversion from vickers scale HV to HK, HBW, HRA, HRB, HRC, superficial rockwell scales, etc.
- Equips with Bluetooth Device, optional Bluetooth printer and computer acceptor is available to realize wireless printing and data transferring.
- Abundant optional auxiliary devices to make hardness measurement more automated and eliminate human operation error. MV series vickers software is recommended, includes USB camera, C-mount adapter and computer.

Application Range:

Testing very thin materials like foils, thin pieces, coatings layers, etc;

Measuring hardness of the surface of a part, small parts or small areas;

Measuring individual micro-structures;

Measuring the depth of case hardening by sectioning a part and making a series of indentations to describe a profile of the change in hardness.

Technical Specifications:

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Name		Color Touch Screen Digital Micro Vickers Hardness Tester
Model		HMV-1000T
Code#		823-160T
Loading	N	0.098、0.246、0.49、0.98、1.96、2.94、4.90、9.80
Force	gf	10、25、50、100、200、300、500、1000
Lens & Indenter Switch		Auto Turret
Data Transfer		Bluetooth; RS232 is optional
Hardness Resolution		1HV
Measuring Range		1HV~2967HV
Loading Control		Auto Loading, Dwell and Unloading
Magnification of Objective		Observation: 10x/40x; Measurement: 10x/40x
Hardness Conversion		HRC、HV、HBS、HBW、HK、HRA、HRD、HR15N、HR30N、 HR45N、HS、HRF、HR15T、HR30T、HR45T、HRB
Eyepiece		10x Digital Eyepiece
Dwell Time		Adjustable 5~60s
X-Y Anvil		Size: 100*100mm; Travel: 25*25; Resolution: 2um
Illumination		halogen Light (Brightness adjustable)
Display		Touch Screen, Resolution 640*480

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Conversion Standard	ASTM、DIN
Language	Chinese, English, German, Portuguese, Turkish, Czech, Korean
Max Height of Specimen	95mm
Instrument Throat	120mm
Power Supply	AC220V/50Hz
Dimension	478*162*518mm
Pacing Dimension	500*490*700mm
Gross/Net Weight	45kg/35kg
Executive Standard	GB/T4340、JIS Z2245、ASTM—E92、ISO6507

Standard Delivery

Name	Code#	Name	Code#	Name	Code#
Vickers Indenter	823-401	X-Y Anvil	823-701	Power Cable	823-801
Objective 10x	823-311	Objective 40x	823-341	Accessory Case	823-901
Digital Eyepiece 10x	823-301	Vickers Hardness Block HV1	823-618	Level	823-931
Vickers Hardness Block HV0.5	823-628	Anti Dust Cover	823-911	Operation Manual	HMV-1000