

Touch Screen Digital Micro Vickers Hardness Tester MVT-1000

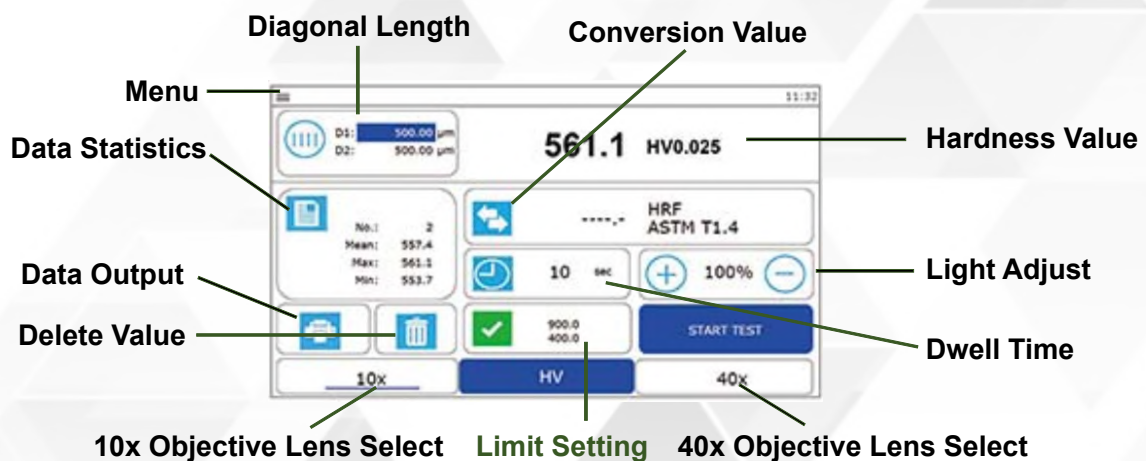


Function & Features

- With 7-inch large OLED touch screen, menu structure.
- Automatic measuring process, easy operation.
- High-definition optical system, the brightness of light source can be adjusted in 20 levels
- With hardness value conversion function, tolerance judgment by hardness upper and lower limit.
- Corner length D1 and D2 can be read directly by the system.
- Measurement results can be output by the printer.
- Automatic turret function: the objective and indenter can automatically switch.
- Meet or exceed ISO, ASTM and JIS standards.



Touch Screen Functions



Technical Parameters

Model	MVT-1000
Test Force	10gf (0.098N), 25gf (0.245N), 50gf (0.49N), 100gf (0.98N), 200gf (1.96N), 300gf (2.94N), 500gf (4.9N), 1000gf (9.8N)
Conversion Scale	HRA, HRB, HRC, HRD, HRF, HV, HK, HBW, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T
Measuring Range	8 ~ 2900HV
Loading Mechanism	Automatic (Loading, Dwell, Unloading)
Duration Time	5 ~ 60s (Adjustable)
Indenter	Standard: HV; Optional: HK
Objective Lens	40X (Measuring), 10X (Observation); (Digital Measuring Eyepiece 10X)
Min. Measuring Unit	0.03µm
Accuracy	Conform to ISO 6507-2, JIS B7725, ASTM (E-384)
Light Source	LED Light Source
Turret	Automatic
Data Display	OLED Touch Screen Display
X-Y Table	Dimension: 100 x 100mm; Max. Travel: 25 x 25mm
Max. Height of Specimen	100mm
Max. Depth of Specimen	120mm
Max. Load of Specimen	50kg
Software	Zootos hL; Zootos hX
Power Supply	Single Phase AC110V ~ 220V +5%, 50 - 60Hz
Overall Dimension	Single Phase AC110V ~ 220V +5%, 50 - 60Hz
Net Weight	About 35kg

Standard Accessories

Item	Quantity	Item	Quantity
Objective 10X, 40X	2	Testing Vice	3
Digital Measuring Eyepiece 10X	1	12V20W Halogen Bulb	1
HV Indenter	1	Power Cable & 2A Fuse	2
Hardness Block (HV1 700HV)	1	Paper for Thermal Printer	1
Hardness Block (HV0.2 400HV)	1	Screwdriver & Level Vial	2
X-Y Table	1	Manual & Inspection Certificate	2