

### Touch screen digital display automatic turret micro hardness tester HVST-1000Z



#### Main functions and features:

- 1, 7-inch LCD touch screen can visually display the hardness value, conversion hardness, test method, test force, brightness, load time, number of measurements, statistical data, upper and lower limit measurement range, test time and other test procedures are straightforward;
- 2, calibration function, manually adjust the input error calibration instrument;
3. Can set the upper and lower limit measurement range, displayed on the main measurement interface;

#### Technical Parameters:

Micro hardness scales	HV0.01,HV0.025,HV0.05,HV0.1,HV0.2,HV0.3,HV0.5,HV1
Display	7- inch LCD touch screen
Test force	10,25,50,100,200,300,500,1000gf
Loading control	Automatic (load/hold/uninstall)
Dwell time	5 to 60 seconds
Test force selection	External force selection knob, the test force is automatically displayed on the 7-inch LCD touch display
Objective magnification	10×, 40×
Optical channel	Dual light channels (eyepieces and CCD camera channels)
Optical system	1. Automatic digital encoder; 2. The total magnification ( $\mu\text{m}$ ): $100 \times$ (observation), $400 \times$ (measurement); 3. Measuring range ( $\mu\text{m}$ ): 200; 4. Resolution ( $\mu\text{m}$ ): 0.01
Hardness measurement range	(5-3000) HV
XY test platform	Size (mm): 100×100 Travel range (mm): 25×25 Minimum reading (mm): 0.01
Maximum height of specimen	90(mm)
Maximum width of specimen	120mm (distance from the center line of the indenter to the wall)
Voltage	AC220V/50HZ
Weight	35kg
Dimensions	400*290*480mm