



Features

- Combination of the precise mechanical structure, high definition optical measuring system, CPU controlling test procedure and photoelectrical sensor technology for accurate result.
- The LCD screen shows measuring method, test force, diagonal length of indentation, hardness value, dwell time and the times of measurement.
- Presetting dwell time, Vickers or Knoop measuring method, light intensity, and easy operation with setting on the front panel
- Automatic calculation of the hardness value after inputting the diagonal length and automatic loading and unloading technique
- Equipped with hand turret for your convenience
- Conform to GB/T4340, ISO6507, JIS B7725 and ASTM E92 standards.

TIME® 6301
DIGITAL MICRO VICKERS
HARDNESS TESTER

Standard Delivery

•Weights	6 pcs
•Weight axis	1 pc
•Cross testing table	1 pc
•Platelet fixture	1 pc
•Plane-holding fixture	1 pc
•Filament fixture	1 pc
•Screw drivers	2 pcs
•Horizontal regulating screws	4 pcs
•Level	1 pc
•Power cord	1 pc
•Repair fuses (1A)	2 pcs
•10×digital micro eyepiece	1 pc
•Vickers hardness blocks	2 pcs
•The USAGE instruction manual	1 pc

Technical Specification

Testing range	1HV~2967HV
Test force	0.098N(10gf), 0.245N(25gf), 0.49N(50gf), 0.9807N(100gf), 1.961N(200gf), 2.942N(300gf), 4.903N(500gf), 9.807N(1000gf)
Max height of the specimen	100 mm
Distance between the center point of the indenter and the exterior panel	98 mm
Test force application method	automatic loading and unloading
Amplification of the microscope	400× (for the measurement)
	100× (for the observation)
Dwell time of the test force	0~60s (5 seconds as a unit)
Min graduation value of the testing drum wheel	0.25μm/grid
Power	AC220V/110V, 50/60 Hz
Dimension (mm)	480×305×545
Weight (g)	30000