

**HVS-1000ATHY**  
**Touch-screen Digital Auto Turret Micro Vickers Hardness Tester**



**Product Features:**

- Touch-screen digital auto turret micro Vickers hardness tester, adopt 8 -inch touch screen and high-speed ARM processor, Visual display, friendly man-machine interaction, easy operation, Fast operation speed, extensive database storage, data automatic correction, and provide data broken line report;
- The machine body is integral casting by high quality cast iron, with the automotive paint treatment process, the appearance is round and beautiful;
- The turbo-worm lifting system can greatly improve the test stability and accuracy, and there is no need to focus again after the test is completed;
- Equipped with automatic turret function, HD measurement and observation - dual objective lens combination, combined with the built-in length encoder HD micrometer eyepiece, to achieve indentation diagonal one-key measurement, greatly reduce the manual interference and reading error;

## Technical specifications:

Model	HVS-1000ATHY
Range of Measurement	5-5000HV
Test Force	0.09807、0.2452、0.4904、0.9807、1.961、2.942、4.904、9.807N (10、25、50、100、200、300、500、1000gf)
Data Entry Mode	Automatic
Turret Mode	Automatic
Maximum Height of Specimen	120mm
Distance between Indenter Center and Wall	110mm
XY Worktable Size	100*100mm
XY Worktable Travel	25*25mm
XY Worktable Travel Resolution	0.01mm
Objectives	10×, 40×
Total Magnification	100×, 400×
Indentation Measuring Resolution	0.025 μ m
Hardness Resolution	0.1HV
Power Supply	AC 220V, 50Hz
Outline Dimension	530*290*490mm
Net Weight	45kg