

Digital Micro Vickers Hardness Tester HVS-1000HY



Product Features:

- iqualitrol HVS-1000HY displays the results through LCD screen, also can display and set the test scale, test force, indenter type, dwell time, conversion unit, etc.
- Worm lifting system greatly improves test stability and accuracy, and no need to focus again after the test is completed;
- HVS-1000HY Equips with MANUAL turret function, high-definition measurement and observation double lens;
- Optional CCD image processing system, and optional Knoop indenter for Knoop hardness measurement;
- Configure a wireless bluetooth printer, and output data through RS232 and USB interfaces;
- The accuracy complies with GB/T4340.2-2018 ISO6507-2 and American ASTM E384.

Technical Specifications:

Model	HVS-1000HY
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	MANUAL TURRET
Maximum Height of Specimen	120mm
Depth	110mm
XY Worktable Size	100*100mm
XY Worktable Travel	25*25mm
XY Worktable Resolution	0.01mm
Objectives	10×, 40×
Total Magnification	100×, 400×
Measuring resolution	0.025μm
Hardness Resolution	0.1HV
Power Supply	AC 220V, 50Hz
Outline Dimension	530*290*490mm
Weight	45kg