

HST-HVS1000TH Micro vicker Hardness Tester



Application

HST-HVS1000TH Digital Micro Vickers hardness tester adopts unique precision design of optics, mechanic and electric features, make the indentation image clearer, and get more precise measurements. With digital measuring eyepiece, no need for checking the table or inputting the diagonal of the indentation, it can directly show the test mode, test force, indentation length, dwell time, test numbers and conversion scale. As long as press the eyepiece button after measuring the indentation length, it can automatically get the hardness value and show on the screen. Test results can be printed out by the built-in printer, and with RS232 interface for connecting to the computer. It can use optional Knoop indenter to measure Knoop hardness. And it can be equipped with LCD video measuring device and CCD image automatic measuring system.

Technical Specification

Model	HST-HVS1000TH
-------	---------------

Test Force	0.098n(10gf), 0.246n(25gf), 0.49n(50gf), 0.98n(100gf), 1.96n(200gf), 2.94n(300gf), 4.90n(500gf), 9.80n(1000gf)
Test Range	1HV~2967HV
Test Mode	HV/HK
Loading Method	Automatic (Loading/Dwell/Unloading)
Conversion Scale	HK, HRA, HRBW, HRC, HRD, HRGW, HRKW, HR15n, HR30n, HR45n, HR15TW, HR30TW, HR45TW, HBW
Shifting between Objective and Indenter	Maunual
Total Magnification	100×, 400×
Resolution	0.0625μm
Dwell Time	0~60s
Light Source	Halogen Lamp
X-y Test Table	Size: 100×100mm; Travel: 25×25mm; Resolution: 0.01mm
Max. Height of Specimen	110mm
Throat	110mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6507, ASTM E384, jIS Z2244, GB/T 4340.2
Dimension	Packing Dimension: 595x415x810mm
Weight (kg)	Gross Weight: 48kg