HVM-1000/2000 Large Screen Digital Micro Hardness Tester With Motorized Turret

※ Two grades micro-reading magnification with 100X and 400X times.

※ Large LCD screen can directly show measurement methods, test force, indentation length, hardness value, dwell time of test force and the number of measurement.

※ Reading the data and testing result, processing data, outputting the result to printer, converting the scales to 17 scales of HV, HR, HB and etc, saving data and linking RS232 interface.

※ Can be Optionally equipped with digital microscope and interface, which can be linked to camera and CCD video-camera.

※ Can take photos of the indentation and metallographic composition of the material If equipped with a pick up camera.

※ Lens/indenter switch With Motorized Turret.

HVT-1000Touch Screen LCD Digital Micro Hardness Tester

Model	HVM-1000/HVT-1000	HVM-2000
Test load	0.098N (10gf), 0.246N (25gf), 0.49N (50gf), 0.98N (100gf), 1.96N (200gf), 2.94N (300gf), 4.90N (500gf), 9.80N (1000gf)	0.098N (10gf), 0.246N (25gf), 0.49N (50gf), 0.98N (100gf), 1.96N (200gf), 2.94N (300gf), 4.90N (500gf), 9.80N (1000gf) 19.6N (2000gf)
Lens/indenter switch	Motorized turret	
Carriage control	Automatic loading and unloading method	
Magnification of microscope	For measurement: 400X (Object lens 40x , eyepiece 10x)	
	For observation:200X (object lens 20x, eyepiece 10x)	
Load holding time	5-60 second	
Measuring microscope	Min measuring unit: 0.0625um	
Testing range	1-2967HV	
Micro test table size	Dimensions 100×100mm	
Movement	25mm in X&Y axis	
Max. height of specimen	70mm	
Max. depth of specimen	95mm	
Out put	Installed with inner-printer and RS232 interface	
Power supply	AC110V/220V 60/50HZ	
Dimensions	(L) 425×(W) 245×(H)490mm	
Weight	Gross Weight: 42KG, Net Weight: 35KG	
Standard accessories	Vickers indenter, Objective (20X,40X), Digital Micro lens (10X), XY-stage test table, Thin specimen test holder, Fork-shaped test holder, Fine wire test holder, Adjustable screw, Lever, Micro Vickers hardness block, RS232 line	