

Touch Screen Digital Micro Vickers Hardness Tester with Automatic Turret and Printer



Features:

iVick-1000F Digital Micro Vickers hardness tester apply color touch screen and digital 10x eyepiece, which makes display and measurement intuitively and easily.

LCD screen can directly show the test mode, test force, indentation length, dwell time, test numbers, conversion scale, date and time.

Test results can be saved for reviewing or by USB interface for transferring data.

Available to install optional Knoop indenter to measure Knoop hardness.

Support optional LCD video measuring device and CCD image automatic measuring system.

Application range:

Suitable for ferrous metal, non-ferrous metals, IC thin sections, coatings, ply-metals; glass, ceramics, agate, precious stones, thin plastic sections etc.; hardness testing such as that on the depth and the trapezium of the carbonized layers and quench hardened layers.

Technical Specification:

Model	iVick-1000F	
Test Force	gf	10gf, 25gf, 50gf, 100gf, 200gf, 300gf, 500gf, 1000gf
	N	0.098N, 0.246N, 0.49N, 0.98N, 1.96N, 2.94N, 4.90N, 9.80N
Test Range	1HV~2967HV	
Test Mode	HV/HK	
Loading Method	Automatic (Loading/Dwell/Unloading)	
Turret	Automatic Turret	
Conversion Scale	HK, HRA, HRB, HRC, HRD, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HBW	
Data Output	USB Interface	
Hardness Reading	Touch Screen Display, Data can be saved	
Objective	10x (Observe), 40x (Measure)	
Eyepiece	10x	
Total Magnification	100x, 400x	
Resolution	0.0625 μ m	
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	90mm	
Throat	120mm	