

Digital Micro Vickers Hardness Tester iVick-452HW



iVick-452HW equips with digital measuring eyepiece, just press the eyepiece button after measuring the indentation length, it can automatically get the hardness value and shows on the screen.

Test results can be printed out by the built-in printer, and with RS232 interface for connecting to the computer.

Support Knoop hardness testing by install optional Knoop indenter, and support LCD video measuring device and CCD image automatic measuring system.

Technical Specification:

Model		iVick-452HW	iVick-452MW
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		Manual Turret	Automatic Turret
Conversion Scale		HK, HRA, HRB, HRC, HRD, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T,	
Data Output		Built-in Printer, RS232 Interface	
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		100mm	
Throat		98mm	
Power Supply		AC220V/50Hz/1Ph	
Execute Standard		ISO 6507, ASTM E384, JIS Z2244, GB/T 4340.2	
Dimension		480×325×545mm, Packing Dimension: 600×360×800mm	
Weight		Net Weight: 31kg, Gross Weight: 44kg	

Packing List:

Instrument Main Body	1 set	10x Digital Eyepiece	1 pc
Diamond Vickers Indenter	1 pc	10x, 40x Objective	each 1 pc
Weights	6 pcs	Weight Axis	1 pc
Cross Test Table	1 pc	Flat Clamping Test Table	1 pc
Thin Specimen Test Table	1 pc	Filament Clamping Test Table	1 pc
Horizontal Regulating Screw	4 pcs	Level	1 pc
Instruction Manual	1 copy	Halogen Lamp 12V,15~20W	1 pc
Power Cable	1 pc	Screw Driver	2 pcs
Hardness Block 400~500 HV0.2	1 pc	Hardness Block 700~800 HV1	1 pc