

### Vickers Hardness Tester iVick-475HW



iVick-475HW

iVick-475HW Vickers hardness tester adopts load cell control system, improves the precision of the test force and the repeatability and stability of the indicating value.

It can show the test force, dwell time, test numbers on the screen, and automatically get the hardness value and shows on the screen. Available to install 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-471HW	iVick-471MW	iVick-475HW	iVick-475HPW	iVick-475MPW
Test Force	kgf	0.3kgf, 0.5kgf, 1kgf, 2kgf, 2.5kgf, 3kgf, 5kgf			
	N	2.94N, 4.90N, 9.80N, 19.6N, 24.5N, 29.4N, 49N			
Test Range	1HV~2967HV				
Loading Method	Automatic (Loading/Dwell/Unloading)				
Turret Type	Manual	Automatic	Manual	Manual	Automatic
Printing	Without Printer			Built-in Printer	
Hardness Reading	Manually Input diagonal		Automatic Display Hardness Value		
Objective	20X (Observe), 40X (Measure)				
Eyepiece	10X analog Eyepiece		10X Digital Eyepiece		
Total Magnification	200X, 400X				
Dwell Time	0~60s Adjustable				
Light Source	Halogen Lamp				
X-Y Test Table	Size: 100×100mm; Travel: 25×25mm; Resolution: 0.01mm				
Vertical Space	Max. Height of Specimen 170mm				
Throat	130mm				
Power Supply	AC220V/50Hz/1Ph				
Execute Standard	ISO 6507, ASTM E92, JIS Z2244, GB/T 4340.2				
Dimension	530×280×630mm, Packing Dimension: 620×450×740mm				
Weight	Net Weight: 35kg, Gross Weight: 47kg				

#### Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	10x Eyepiece	1 pc
Diamond Vickers Indenter	1 pc	20x, 40x Objective	each 1 pc
X-Y Test Anvil	1 pc	Power Cable	1 pc
Horizontal Regulating Screw	4 pcs	Hardness Block 700~800 HV1	1 pc
Hardness Block 400~500 HV5	1 pc	Halogen Lamp 12V/15~20W	1 pc
Inner Hexagon Spanner 2.5mm	1 pc	Screw Driver	1 pc