

HST-HV5/10/30/50 Manual Turret Vickers Hardness Tester



Application fields:

Heat treatment, carbide, quench hardened layer, the surface coating layer, steel, non-ferrous metal and small and thin shape parts, etc.

Main Features:

The hardness tester adopts LCD screen to display. Such selections as the hardness scales HV or HK, various steps of test force, dwell time can be operated on the operating panel. The luminosity of light source can be adjusted without grades as well. After input the D1 & D2 values measured from the eyepiece, the hardness value will display on the LCD screen directly.

Application materials:

Ferrous metals, non-ferrous metals, IC thin sections, coating layer, ply-metals

Glass, ceramics, agate, precious stones, thin plastics, etc

Hardness test such as that on the depth and gradient of the carbonized layers and quenched hardened layers.

Specification:

Model		HST-HV-5	HST-HV-10	HST-HV-30	HST-HV-50
Turret Type		Manual	Manual	Manual	Manual
Test Force	(Kgf)	0.3, 0.5, 1,2, 3, 5	0.3, 0.5, 1, 2,3, 5, 10	1, 3, 5,10, 20, 30	1, 5, 10, 20, 30, 50
	(N)	2.94, 4.9, 9.8 19.6, 29.4, 49.0	2.94, 4.9, 9.8, 19.6, 29.4, 49, 98	9.8, 29.4, 49 98, 196, 294	9.8, 49, 98, 196, 294, 490
Min. Test Unit		0.5μm		1μm	
Max Height of Specimen		160mm			
Distance from Indenter to Out Wall		135mm			
Hardness Test Range		8HV~2900HV			
Method of Test Force Applied		Automatically Load and Unload Test Force			
Amplification of Test Microscope		200X(Measuring),100X(observation)		100X(Measuring)	
Dwell Time		0~60s (1 second as a unit, optional key in)			
Power Souse		AC220V±10%, 50-60Hz			
Overall Dimension		520*190*650mm			
Net weight		About 40Kg			