

Sensor Loading Digital Vickers Hardness Tester with LCD



Product Features:

- 1, Hardness test results display on LCD screen, the test scale, test force, indenter type, dwell time and conversion unit can be displayed and set,
- 2, Adopt the electric motor loading/unloading, the closed-loop feedback is carried out by the pressure sensor with 5% accuracy, and the test force can be automatically corrected by high-speed processor,
- 3, Equipped with manual turret function,
- 4, Convenient control system can automatically convert the unit of full hardness scale;
- 5, Optional CCD image processing system, the knoop indenter can be selected to measure the knoop hardness;

Main Parameters:

Model	HVS-5/10/30/50EHY			
Range	5-5000HV			
Test Force	Loading Mode	Electric Loading		
	HVS-5EHY	0.2、0.3、0.5、1.0、2.0、2.5、3.0、5.0kgf		
	HVS-10EHY	0.3、0.5、1.0、2.0、2.5、3.0、5.0、10kgf;		
	HVS-30EHY	1.0、2.0、2.5、3.0、5.0、10.0、20.0、30.0kgf		
	HVS-50EHY	1.0、2.0、2.5、3.0、5.0、10.0、20.0、30.0、50.0kgf		
Data Entry Mode	AUTOMATIC			
Turret Mode	Manual			
Height of Specimen	200mm			
Throat	130mm, Distance between Indenter Center and Wall			
Objective	HVS-5, 10, 30	10×, 40×	HVS-50	10×, 20×
Total Magnification		100×, 400×		100×, 200×
Length resolution	0.025μm		0.1μm	
Hardness Resolution	0.1HV			
Power Supply	AC 220V, 50Hz			
Dimension	620*330*650mm			
Weight	75kg			

Product description:

Iqualitrol HVS-5/10/30/50EHY manual turret Vickers hardness tester adopts high-speed ARM processor, intuitive display, friendly human-computer interaction, and easy operation;

The fuselage is made of high-quality cast iron for one-time casting, combined with the car paint treatment process, the shape is round and beautiful;