

Digital Vickers Hardness Tester HVS-50

Features:

- New high-tech product integrating mechanical and photoelectrical technologies
- Equipped with a digital microscope, direct display of the measuring method, test force, indentation length, hardness value, dwell time of test force
- Camera device can be connected via RS232 interface
- Especially suitable for testing the hardness of micro and thin specimen, fragile material
- Optional Knoop indenter can be used to measure Knoop hardness value
- By means of closed-circuit system for control, CPU control testing force to load, dwell and unload, the sensor feedback information, therefore the lost of the testing force can be automatically compensated during testing for high accuracy



Digital Vickers Hardness Tester HVS-50

Technical Specification:

Testing force	N	9.807、19.61、24.52、29.42、49.03、98.07、196.1、294.2、490.3
	KGF	1、2、2.5、3、5、10、20、30、50
Carriage control	Automatic (loading/dwell /unloading)	
Dwell time	(0~60) s	
Amplification of the microscope	100X、400X	
Min. graduation value of the test drum wheel	0.0625um	
Testing field	1HV~2967HV	
Lens/Indenter switch	with hand turret	
Max. Height of the specimen	170mm	
Max. Width specimen of the specimen	130mm	
Light source	Cold light source	
Power	110V / 220V, 60/50HZ	
Dimension	535 X 225 X 580 (mm)	

Standard Delivery:

● Large test table	1	● 10X digital microscope	1
● "V" shape test table	1	● Vickers hardness blocks	2
● Screw drivers	2	● Repair fuses (1A)	2
● Horizontal regulation screws	4	● Instruction manual	1
● Level	1	● TIME certificate	1
● Power cord	1	● Warranty card	1

Optional Accessory:

● LCD device	● Knoop indenter
--------------	------------------