

► **HST-HVS5/10/30/50TH**

Automatic Vickers Hardness Tester

◆ **PRODUCT FEATURES**

- TThe independent research and development of lift & down system and positioning system, ensured the accuracy and repeatedly of the testing process
- Industrial digital touch screen can direct display hardness value, conversion hardness value, testing method, testing force, dwell time, easy for operator to save the data



◆ **TECHNICAL PARAMETERS**

Model	HST-HVS5TH	HST-HVS10TH	HST-HVS30TH	HST-HVS50TH
Turret Type	Manual			
Test Force	0.3kg(2.94N), 0.5kg(4.9N), 1kg(9.8N), 2kg(19.6N), 3kg(29.4N), 5kg (49N)	0.3kg(2.94N), 0.5kg (4.9N), 1kg (9.8N), 3kg (29.4N), 5kg (49N), 10kg (98N)	1kg(9.8N),3kg(29.4N), 5kg(49N),10kg(98N), 20kg(196N), 30kg(294N)	1kg(9.8N), 5kg(49N), 10kg(98N), 20kg(196N), 30kg(294N), 50kg(490N)
Hardness conversion scale	HRA、HRB、HRC、HRD、HRF、HV、HK、HBW、HBS HR15N、HR30N、HR45N、HR15T、HR30T、HR45T			
Min. Unit of measurement	0.5μm			
Indenter	Standard Rectangular pyramid diamond indenter (136°±0.5°)			
Test Mode	HV/HK			
Hardness Test Range	5~3000HV			
Force loading	Automatic (loading, dwelling, unloading)			
Objective Lens	10X、 20X			
Eyepiece	10X digital eyepiece with built-in encoder, automatic calculate data			
Total Magnification	100X (For Observation), 200X (For Measurement)			
Test Force Dwell Time	1~60s			
Data Output	Touch screen, built-in printer			
Maximum Height	175mm			
Throat depth	125mm			
Power Supply	AC220V±5%, 50~60Hz(110V is available)			
X-Y Testing Table (optional purchase)	Dim.: 100*100 mm, Max. Travel Range: 25*25mm,Moving Resolution Ratio: 0.01mm			
Executive standard	ISO 6507, ASTM E384, JIS Z2244, GB/T 4340.2			
Dimensions	590*320*640mm			
Weight	70kg			
Package size	680*475*745mm			
Gross weight	88kg			

◆ **STANDARD CONFIGURATION**

Name	Quantity	Name	Quantity
Hardness tester host	1	Level adjustment screw	4
Vickers indenter	1	Spirit level	1
Objective lens(10×, 20×)	2	Dust cover	1
Micrometer eyepiece(10×)	1	Power cable	1
Large flat workbench	1	Fuse 2A	2
Middle V workbench	1	Vickers hardness block	2
Documents(Product certificate, Product instruction manual)	1	Accessory box	1
Suction cup	1	Screwdriver	1