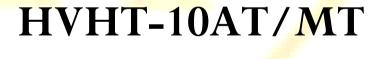


**HSMLE India Corporation** 

## ISO 9001 : 2015

## **Vickers Hardness Testers**

This Vickers hardness tester has a faster testing speed than other ordinary Vickers hardness testers. The hardness value can be displayed directly and need to enter the length of the diagonal. The objective lens and indenter can be shifted automatically after the finished focus. Loading, dwell and unloading the test force automatically. And the objective lens returns to the initial focus status, measuring directly.



Main Function & Features

- With Vickers hardness and Knoop hardness testing capabilities.
- Ensured the accuracy and repeatedly of the testing process.
- Testing method, testing power and duration time can be displayed directly on the LCD screen.
- The strength of the light source can be adjusted.
- In built printer to print the testing data.
- Can be connected with computer. With image analysis software to analyzing the physical and chemical proper ties of the material.



## **TECHNICAL SPECIFICATIONS**

Model No.	HVHT-50AT	HVHT-50MT	
Switch Type of Objective	Auto Turret	Manual Turret	
Testing Force	500g (4.9N), 1kg (9.8N) 2kg(19.6N), 3kg (29.4N) 5kg (49N), 10kg (98N), 20kg(196N), 30kg(294N), 50kg(490N)		
Scale	HVO.5, HV1, HV2, HV3, HV5, HV10, HV20, HV30, HV50		
Min. Measuring Units	0.05 μm		
Hardness Value Range		8HV-3000HV	
Hardness Value Of Reading	Digital LCD Screen		
Total Magnification of microscope	100X (For Observation), 200X (For Measurement) (Can be extended upto 400x)		
Loading Method	Automatically (Load, dwell and unload the testing force)		
Dwell Time	1-99s		
Specimen Allowing	160mm		
Maximum Height Throat Depth	130mm		
Instrument Weight	55 kg		
Size	530 x 220 x 580 mm		
Light Source	LED Cold Light source (can be continuous use for 24 hours, servicing life can reach 100,000 hours)		
Power Supply	110V/220V+ 5%, 50/60 Hz		
Data Output	Buit-in Printer (Hardnes	s Value, The Max. And Min. Value, Testing times and Average Value) Built-in RS-232 Interface	
Standard Accessories			
10X Micrometer eyepiece : 1pc,	10X a	nd 20X Objective lens : 1pc	
Vickers indenter : 1pc,	Big/N	edium/V-shape test table: 1pc	
Power cable : 1pc	Instru	Instruction Book	
Standard block of hardness : 2pc			
Optional Accessories			
15X micrometer eyepiece,	2.5X objective le	ns,	