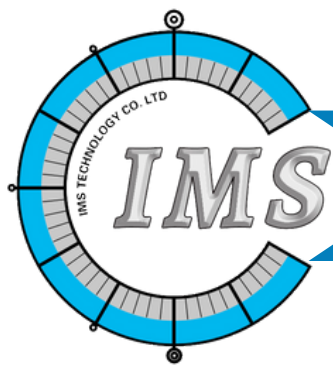




VICKER HARDNESS TESTER

FEATURE

- The optical system designed by our senior optical engineer not only meet the definition of hardness testing requirements, but also can observe the micro structure of the material, image is very clear.
- With Vickers hardness and Knoop hardness testing capabilities. By measuring the indentation diagonal length, the hardness value will show on the screen directly, no need to check hardness table.
- Large size touch screen can direct display hardness value, conversion hardness, testing method, testing force, dwell time, testing times and testing process.
- Reserved CCD camera optical path, support machine work with computer and hardness measuring software system.

Model	IHV5	IHV10	IHV30	IHV50
Measurement method	Vicker method, Knoop method (options)			
Standard	GB/T4340, ASTM E384 & E92, EN-ISO 6507-2, JIS B-7734			
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(29.4 N),5kg(49N),10kg(9 8N),20kg(196N), 30kg(294N)	1kg(9.8N), 5kg(49N), 10kg(98N), 20kg(196N), 30kg(294N), 50kg(490N)
Hardness conversion scale	HRA, HRB, HRC, HRD, HK, HBS, H15N, H30N, H45N, H15T, H30T, H45T			
Length measure resolution	0.5μm			
Light Source	LED Cold light source			
Dwell time	1-99s			
Hardness Value Range	5-3000HV, 8-4500HK			
Output Data	LCD screen, RS232, built-in printer			
Magnification	100X (Observation), 200X (Measurement)			
Loading Method	Automatic			
Max.Height of workpiece	175mm			
Max.testing width	135mm			
Power supply	220V, 50-60Hz			

Accessories of IHV seri



V anvil



Small flat anvil



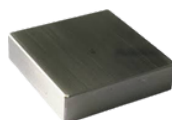
Big flat anvil



XY platform



Camera and automatic measure software for IHV seri



Vicker Block



Vicker indenter



Knoop indenter

Standard delivery	Qty	Code
Main unit	1	IHV5/10/30/50
Vicker indenter	1	IHV-IND-VIC
Eyepiece 10X	1	IHV-EY10
10X objective lens	1	IHV-OB10X
20X objective lens	1	IHV-OB20X
V-anvil	1	IHV-TBV
Small flat anvil	1	IHV-TB58
Big flat anvil	1	IHV-TB150
Vicker hardness block	2	HVB-seri *
Dust proof cover	1	-
XY platform	1	IHV-XY
Inspection Certificate (Manufacture)	1	-

Options for IHV seri	Code
Camera and software (automatic measurment funtions)	IHV-SWA
Knoop indenter	IHV-IND-KNOPP
XY platform with digital micrometer head	IHV-XY01
Computer setup software (order together with IHV-SWA)	700-IHV-PC
Printer	700-IHV-PRI