

DIGITAL VICKERS HARDNESS TESTERS



- Based on Vickers (HV), converted to Rockwell (HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK), Brinell (HB), Superficial Rockwell (HR15N, HR15T, HR30N, HR30T, HR45N, HR45T), Shore (HS) and Strength (MPa)
- Memory of 27 measurement values for print, browsing and output
- LCD display with backlight
- Can measure Knoop hardness, Knoop indenter is needed



SPECIFICATION

Code	ISH-DV10	ISH-DV50	
Measuring range	8HV0.3 ~ 2500HV10	5HV1 ~ 2500HV50	
Test force	0.3, 0.5, 1, 3, 5, 10kgf	1, 5, 10, 20, 30, 50kgf	
Accuracy	±3%	±3% (test force 1, 5, 10, 20kgf) ±2% (test force 30, 50kgf)	
Eyepiece	magnification	10X	10X
	resolution	0.0625µm	0.25µm
Objective	10X, 20X	10X	
Total magnification	100X (for observation) 200X (for measuring)	100X (for measuring)	
Stage elevation	manual		
Load control	automatic (load/dwell/unload)		
Dwell time	5~60 second		
Max. workpiece height	160mm		
Max. workpiece depth	135mm		
Data output	RS232C		
Power supply	220V, 50/60Hz **		
Dimension	540×270×650mm		
Weight	35kg	45kg	

STANDARD DELIVERY

Main unit	1pc
Ø60mm flat anvil	1pc
Ø150mm flat anvil	1pc
V-type anvil	1pc
Vickers indenter	1pc

10X objective	1pc
20X objective	1pc (for ISH-DV10)
Vickers test block	2pcs
Anti-dust cover	1pc

OPTIONAL ACCESSORY

Knoop indenter	ISH-KNOOP
Measuring system	9631-130
Hardness test block 400~500HV5	ISH-BHV5B
Hardness test block 400~500HV10	ISH-BHV10A
Hardness test block 400~500HV30	ISH-BHV30
Camera adapter	ISH-DV-ADAPTER

** Add "-U" on code No. when power supply is 110V, 50/60Hz