

# DIGITAL VICKERS HARDNESS TESTER

- 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



ISH-DV10



Ø60mm flat anvil (included)



Ø150mm flat anvil (included)



V-type anvil (included)

## 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	ISH-HVC
Hardness test block 400~500HV5	ISH-BHV5B
Hardness test block 400~500HV10	ISH-BHV10A
Hardness test block 400~500HV30	ISH-BHV30

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