

AUTOMATIC DIGITAL MICRO-VICKERS HARDNESS TESTER CODE ISHV-D120**

- Based on Vickers (HV), can be converted to HRA, HRB, HRC, HRD, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HK, HBW
- Can take tests up to 99 times, display average value and the difference of max. and mini. value
- Low and high limits with judgement
- Also for Knoop hardness test, Knoop indenter is needed (optional)



slice holder (included)



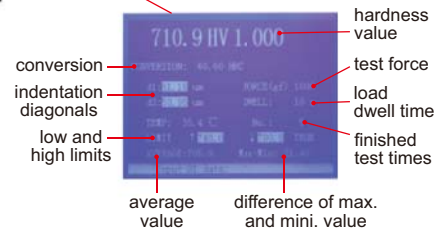
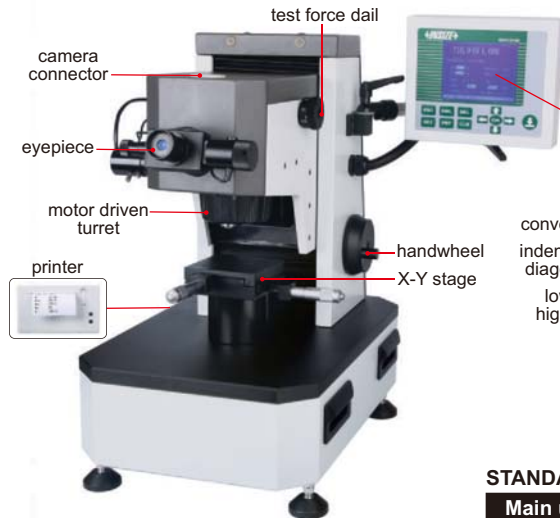
vice (included)



cylinder holder (included)



level (included)



SPECIFICATION

Range	10~3000HV	
Test force	0.01, 0.025, 0.05, 0.1, 0.2, 0.3, 0.5, 1kgf	
Vickers scales	HV0.01, HV0.025, HV0.05, HV0.1, HV0.2, HV0.3, HV0.5, HV1	
Load control	automatic (load/dwell/unload)	
Load dwell time	0~60 second	
Eyepiece	magnification	10X
	resolution	0.01 μ m (D \geq 10 μ m), 0.001 μ m (D<10 μ m) D is diagonal length of indentation
Objective	10X, 40X	
Total magnification	100X (for observation), 400X (for measurement)	
Max. height of workpiece	210mm	
Max. depth of workpiece	135mm (from the center of indenter)	
X-Y stage	dimension: 100×100mm, travel range: 25×25mm, graduation: 0.01mm	
Power supply	220V, 50/60Hz **	
Dimension	490×320×530mm	
Weight	45kg	

STANDARD DELIVERY

Main unit	1pc
Micro Vickers indenter	1pc
Hardness test block (400~500HV0.2)	1pc
Hardness test block (700~800HV1)	1pc
Slice holder	1pc
Vice	1pc
Cylinder holder	1pc
Level	1pc
Anti-dust cover	1pc

OPTIONAL ACCESSORY

Hardness test block (400~500HV0.2)	ISH-BHV02A
Hardness test block (700~800HV1)	ISH-BHV1
Knoop indenter	ISHV-D120-KNOOP
Measuring system	ISH-HVC

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