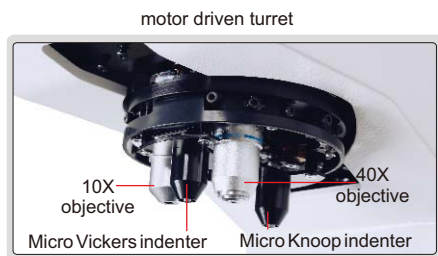


# DIGITAL DUAL-INDENTER MICRO-VICKERS HARDNESS TESTERS



vice  
(included)



slice holder  
(included)



cylinder holder  
(included)

- With Vickers indenter and Knoop indenter
- Micro Vickers indenter is for thin and small workpieces, carburizing layers, hardening layers and coating
- Knoop indenter is for hard and brittle materials, such as enamel, glass, synthetic diamond, cermet and minerals
- Converted to HRA, HRB, HRC, HRD, HRF, HV, HK, HBW, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T
- Motor driven turret to switch indenters and objective lens automatically
- Calibrated according to standard hardness blocks or length scales
- Test result can be sent to Word or Excel
- According to ISO 6507

HDT-MV280

## SPECIFICATION

Code	HDT-MV280	HDT-MV280S
	Manual switch of test force	Motorized switch of test force
Test force	0.098N(10gf), 0.245N(25gf), 0.49N(50gf), 0.98N(100gf), 1.96N(200gf), 2.94N(300gf), 4.9N(500gf), 9.8N(1kgf)	
Vickers scales	HV0.01, HV0.025, HV0.05, HV0.1, HV0.2, HV0.3, HV0.5, HV1	
Knoop scales	HK0.01, HK0.025, HK0.05, HK0.1, HK0.2, HK0.3, HK0.5, HK1	
Range	8~2900HV/HK	
Length measurement resolution	0.01μm	
Objective/indenter switch	motor driven turret	
Stage lifting	manual	
Load control	automatic (load/dwell/unload)	
Load dwell time	1~99 second	
Objective	10X, 40X( <b>optional</b> 20X, 50X, 60X)	
Eyepiece	10X	
Total magnification	100X (for measurement or observation), 400X (for measurement)	
Max. workpiece height	100mm	
Max. testing width	130mm (from the center of indenter to the wall of main body)	
X-Y stage	dimension: 100×100mm, travel range: 25×25mm	
Data output	built-in printer, RS232	
Power supply	220V, 50/60Hz	
Dimension	540×260×650mm	
Weight	50kg	

## STANDARD DELIVERY

Main unit	1 pc
10X, 40X objective	1 pc of each
Micro Vickers indenter	1 pc
Knoop indenter	1 pc
Hardness test block 400~500HV0.2	1 pc
Hardness test block 700~750HV1	1 pc
Hardness test block 700~800HK1	1 pc
Level	1 pc
Touch pen	1 pc
Vice	1 pc
Slice holder	1 pc
Cylinder holder	1 pc
Anti-dust cover	1 pc

## OPTIONAL ACCESSORY

Hardness test block 400~500HV0.2	HDT-B-HV02C
Hardness test block 700~750HV1	HDT-B-HV1F
Hardness test block 700~800HK1	HDT-B-HK1C
Measuring system	HDT-VS530