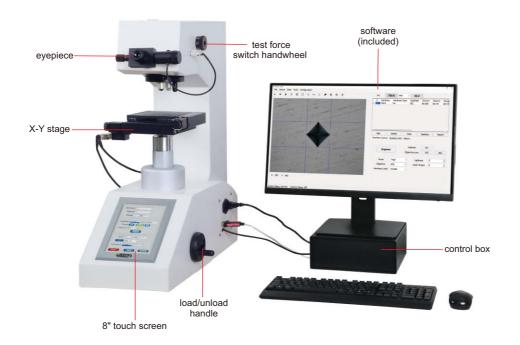
AUTOMATIC MICRO-VICKERS HARDNESS TESTER CODE HDT-VS1D







(included)



slice holder (included)



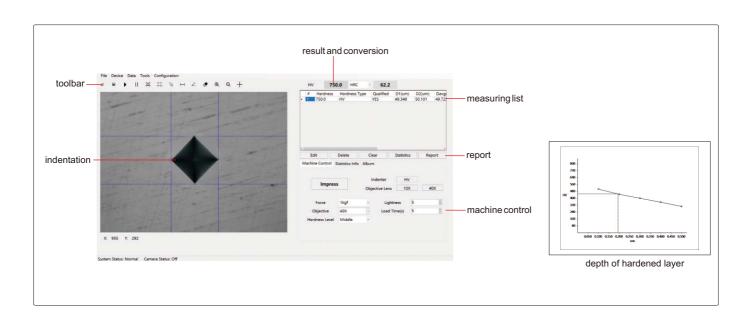
cylinder holder (included)

- Detect depth of hardened layer of heat treatment and coating thickness. Can also be used for metallography observation
- Calibrate according to standard hardness blocks or length scales
 Convert to HRA, HRB, HRC, HRD, HRF, HV, HBW, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T
- Built-in printer
- According to ISO 6507





motor driven turret



SPECIFICATION

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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
Range		8HV~2900HV
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
Eyepiece		10X
Total magnification		100X (for measurement or observation), 400X (for measurement)
Data output		built-in printer
Max. workpiece height		160mm
Max. testing width		160mm (from the center of indenter to the wall of main body)
X-Y stage		dimensions: 150×150mm, travel range: 50×50mm, graduation: 1µm,
		displacement repetition accuracy: less than 3µm
Pixel		5M
Measurement and control software	Stage movement control	Select points for indenter to press then read 1. Select any point 2. Rotate and select a point 3. Select points along X-axis 4. Select points along Y-axis 5. Select points along Z 6. Select points at any internal 7. Program selection of points
	Measurement	Automatic mode: automatic turret , automatic loading, automatic measurement control Can also select manual mode
Power supply		220V, 50/60Hz
Dimension		620×250×710mm
Weight		50kg

STANDARD DELIVERY

Main unit	1 pc
10X, 40X objective	1 pc of each
Micro Vickers indenter	1 pc
Hardness test block 400~500HV0.2	1 pc
Hardness test block 700~750HV1	1 pc
Level	1 pc
Touch pen	1 pc
Anti-dust cover	1 pc
Control box	1 pc
Software and USB dongle	1 pc of each
Computer	1 pc
Slice holder	1 pc
Vice	1 pc
Cylinder holder	1 pc

OPTIONAL ACCESSORY

Hardness test block 400~500HV0.2	HDT-B-HV02C		
Hardness test block 700~750HV1	HDT-B-HV1F		
OFFICE software	7313-OFFICE		
Knoop indenter	HDT-VS1D-KNOOP		