DIGITAL VICKERS HARDNESS TESTER (BASIC TYPE)

INSPECTION CERTIFICATE | TOUCH SCREEN | MOTOR DRIVEN TURRET

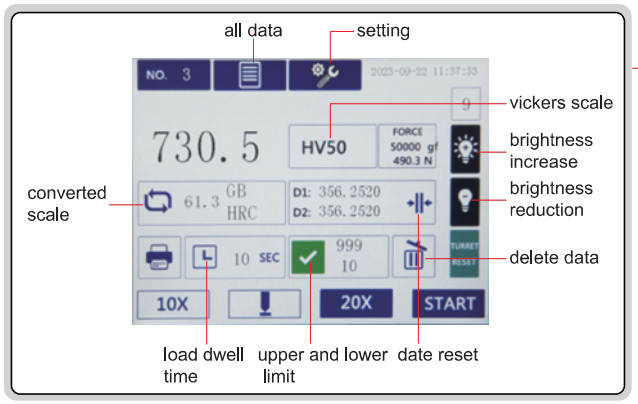
- Touch screen color LCD display
- Data storage and average value calculation
- Automatical switch between the indender and objective lens
- According to ISO 6507

step: 1

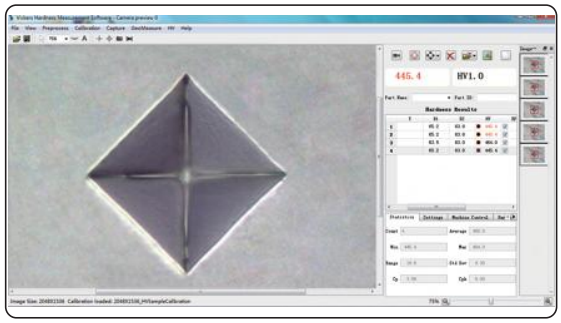
measure indentation diagonal lengthes by measuring microscope

step: 2

input the indentation dagonal lengthes, the hardness value is shown on screen antomatically

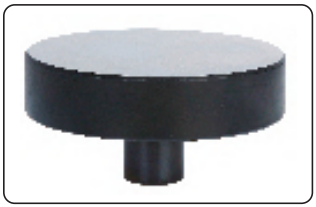


HDT-VE56

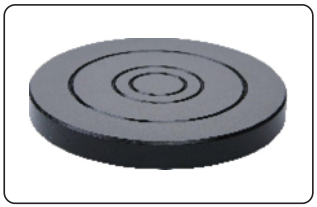


Vickers hardness measurement software (**optional**)

camera and measuring software (**optional**)

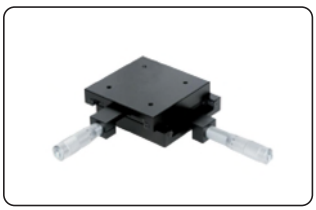


Ø58mm flat anvil (included)



Ø150mm flat anvil (included)

V-type anvil (included)



XY platform (**optional**)

desk (**optional**)

camera (**optional**)

SPECIFICATION

Code	HDT-VE03	HDT-VE14	HDT-VE35	HDT-VE56
Test force	0.3kgf, 0.5kgf, 1kgf, 2kgf, 3kgf, 5kgf	0.3kgf, 0.5kgf, 1kgf, 3kgf, 5kgf, 10kgf	1kgf, 3kgf, 5kgf, 10kgf, 20kgf, 30kgf	1kgf, 5kgf, 10kgf, 20kgf, 30kgf, 50kgf
Vickers scales	HV0.3, HV0.5, HV1, HV2, HV3, HV5	HV0.3, HV0.5, HV1, HV3, HV5, HV10	HV1, HV3, HV5, HV10, HV20, HV30	HV1, HV5, HV10, HV20, HV30, HV50
Converted scales	HRA, HRB, HRC, HRD, HRF, HV, HK, HBW, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T			
Range	8~3000HV			
Length measurement resolution	0.5μm			
Objective/indenter switch	motor driven turret			
Stage lifting	manual			
Load control	automatic (load/dwell/unload)			
Load dwell time	1~60 second			
Objective	10X, 20X			
Eyepiece	10X			
Total magnification	100X (for measurement or observation), 200X (for measurement)			
Max. workpiece height	175mm			
Max. testing width	135mm (from the center of indenter to the wall of main body)			
Power supply	220V, 50/60HZ			
Dimension	580×320×660mm			
Weight	55kg			

STANDARD DELIVERY

Main unit	1 pc
10X, 20X objective	1 pc of each
Vickers indenter	1 pc
Hardness test block 400~500HV10	1 pc
Hardness test block 700~750HV50	1 pc
Ø58mm flat anvil	1 pc
Ø150mm flat anvil	1 pc
V-type anvil	1 pc
Auti-dust cover	1 pc

OPTIONAL ACCESSORY

Hardness test block 400~500HV10	HDT-B-HV10D
Hardness test block 700~750HV50	HDT-B-HV50G
Desk	HDT-DESK
Vickers hardness tester camera (fit 5kg and 10kg)	HDT-MVH-CM1
Vickers hardness tester camera (fit 30kg and 50kg)	HDT-MVH-CM2
XY working platform	HDT-VEH-ST
Measuring software (manual)	HDT-MVH-SW
Measuring software (automatic)	HDT-MVH-AW