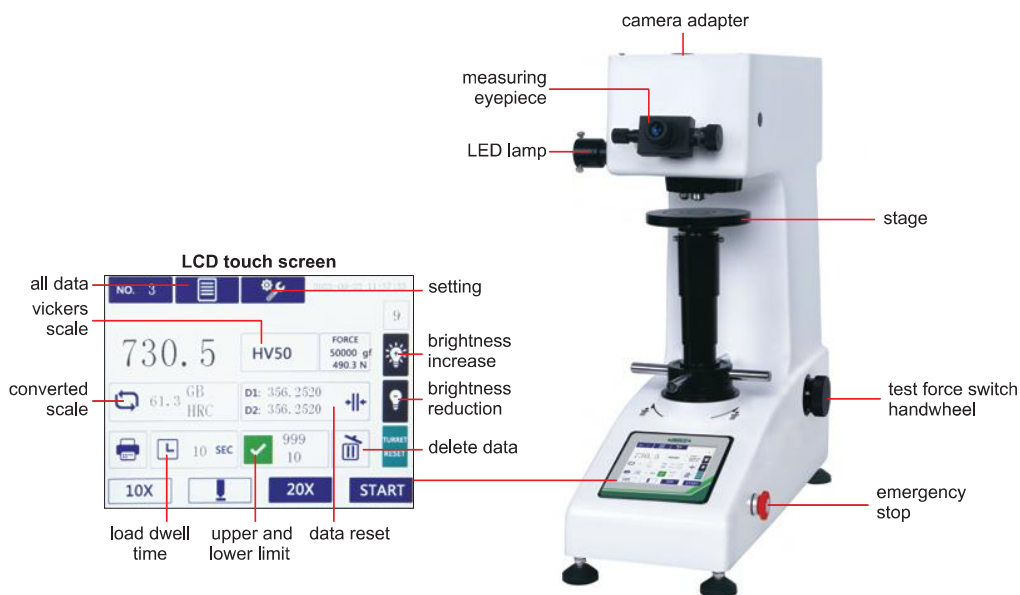


DIGITAL VICKERS HARDNESS TESTERS (BASIC TYPE)



MOTOR DRIVEN
TURRET

TOUCH
SCREEN



HDT-VE56

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

step: 1	step: 2
measure indentation diagonal lengths by measuring microscope	input the indentation diagonal lengths, the hardness value is shown on screen automatically

camera and measuring software (optional)



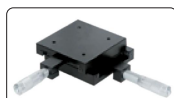
Ø58mm flat anvil
(included)



Ø150mm flat anvil
(included)



V-type anvil
(included)

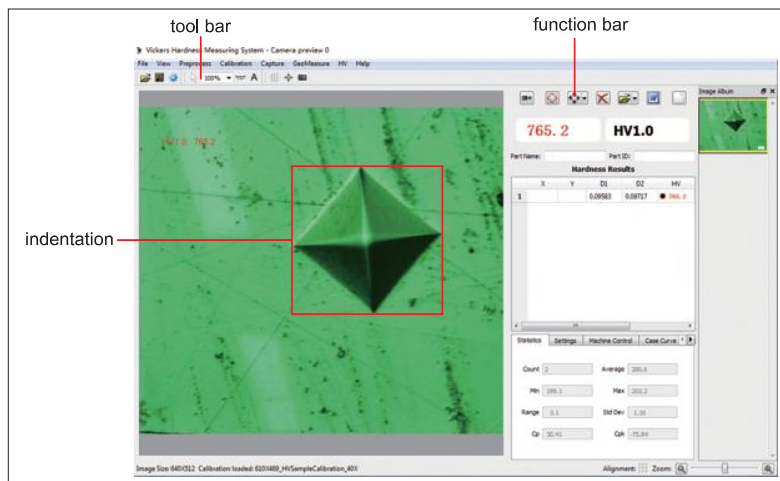


XY platform
(optional)



desk (optional)

vickers hardness measurement software (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	1μm			
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 (L×W×H)	580×320×660mm			
Net weight	55kg			

STANDARD DELIVERY

Main unit	1 pc
10X, 20X objective	1 pc of each
Vickers indenter	1 pc
Hardness test block	2 pcs
Ø58mm flat anvil	1 pc
Ø150mm flat anvil	1 pc
V-type anvil	1 pc
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

Hardness test block	
Desk	HDT-DESK
Measuring system (manual, for 5kg and 10kg) *	HDT-CM1-SW
Measuring system (automatic, for 5kg and 10kg) *	HDT-CM1-AW
Measuring system (manual, for 30kg and 50kg) *	HDT-CM2-SW
Measuring system (automatic, for 30kg and 50kg) *	HDT-CM2-AW
XY working platform	HDT-VEH-ST

* Measuring system includes camera and measuring software