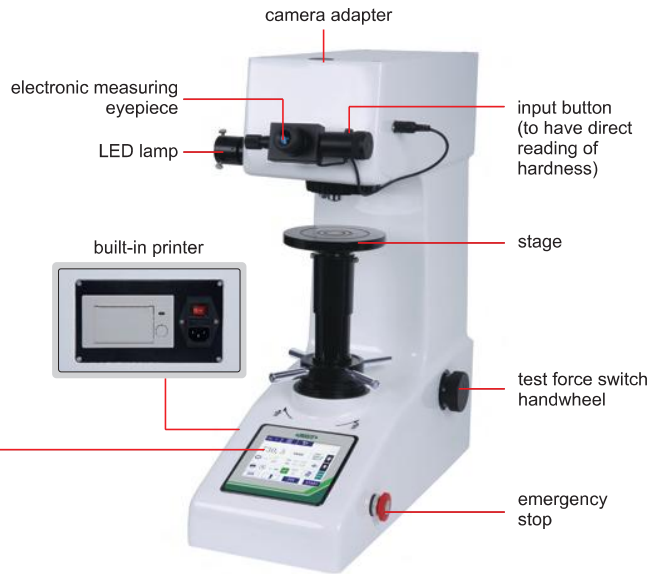
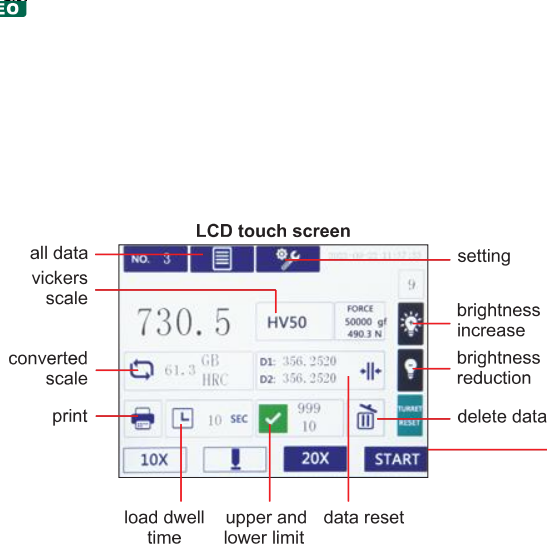


# DIGITAL VICKERS HARDNESS TESTERS (STANDARD TYPE)

MOTOR DRIVEN  
TURRET

PRESS INPUT BUTTON TO HAVE  
DIRECT READING OF HARDNESS

TOUCH  
SCREEN



HDT-VH51

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

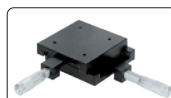
camera and measuring software (optional)



Ø58mm flat anvil (included)



Ø150mm flat anvil (included)



XY platform (optional)



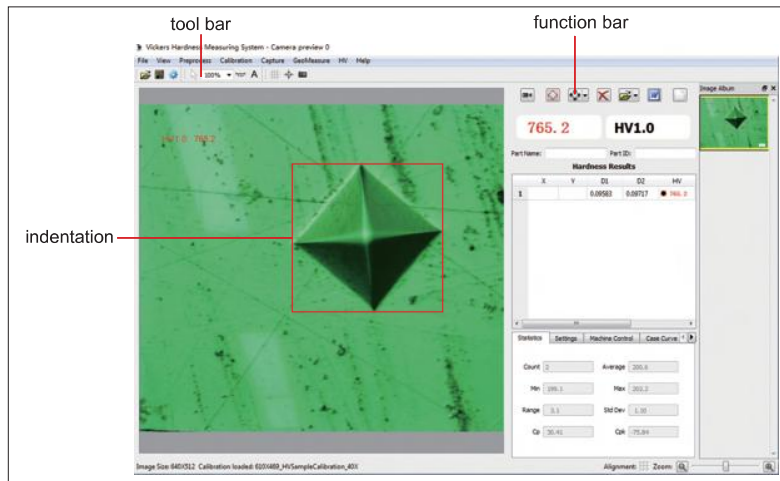
V-type anvil (included)



desk (optional)



vickers hardness measurement software (optional)



**SPECIFICATION**

Code	HDT-VH05	HDT-VH11	HDT-VH31	HDT-VH51
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	0.06μm			
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 (form the center of indenter to the wall of main body)			
Output	built-in printer			
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	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	page 61~62
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