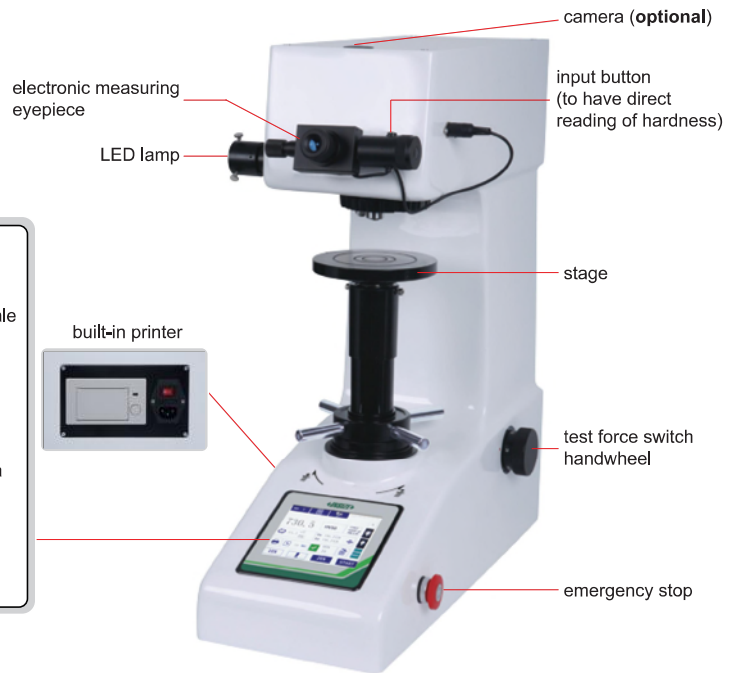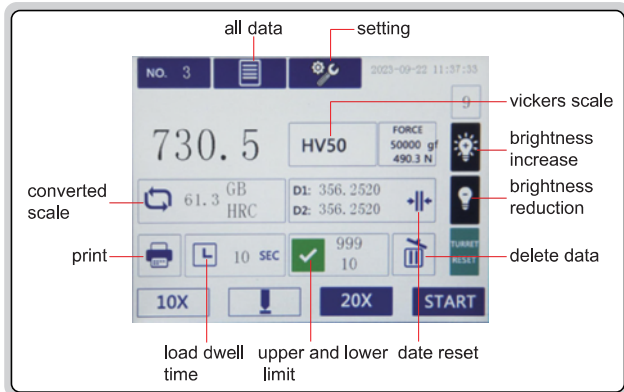# DIGITAL VICKERS HARDNESS TESTER (STANDARD TYPE)

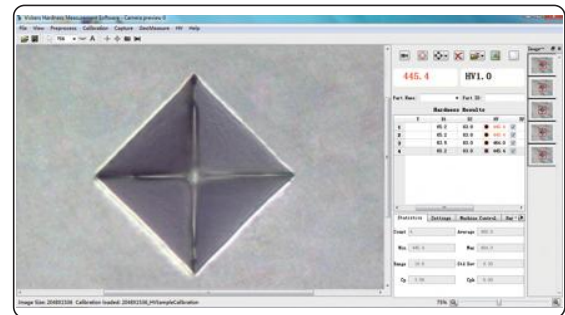INSPECTION CERTIFICATE

MOTOR DRIVEN TURRET

TOUCH SCREEN

PRESS INPUT BUTTON TO HAVE DIRECT READING OF HARDNESS

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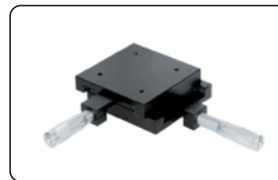- Automatical switch between the indender and objective lens
- According to ISO 6507

all data
setting
vickers scale
brightness increase
brightness reduction
converted scale
print
delete data
load dwell time
upper and lower limit
date reset

camera (optional)

input button (to have direct reading of hardness)

electronic measuring eyepiece

LED lamp

built-in printer

stage

test force switch handwheel

emergency stop

HDT-VH51

camera and measuring system

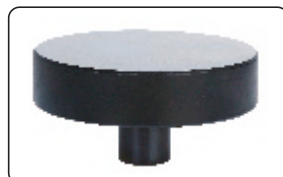Vickers hardness measurement system (**optional**)
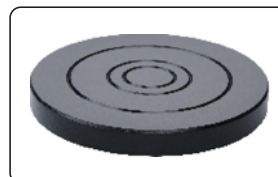

XY platform (**optional**)

desk (**optional**)

camera (**optional**)

Ø58mm flat anvil (included)

Ø150mm flat anvil (included)

V-type anvil (included)

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	$"%&) a			
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
Auti-dust cover	1 pc

OPTIONAL ACCESSORY

Hardness test block	
Desk	HDT-DESK
Vickers hardness tester camera (fits 5kgf and 10kgf)	HDT-MVH-CM1
Vickers hardness tester camera (fits 30kgf and 50kgf)	HDT-MVH-CM2
XY working platform	HDT-VEH-ST
Measuring system (manual)	HDT-MVH-SW
Measuring system (automatic)	HDT-MVH-AW