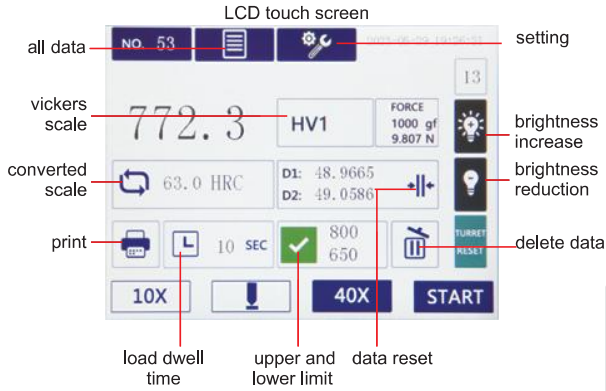


# DIGITAL MICRO-VICKERS HARDNESS TESTER (STANDARD TYPE) CODE HDT-MVH1100

PRESS INPUT BUTTON TO HAVE  
DIRECT READING OF HARDNESS

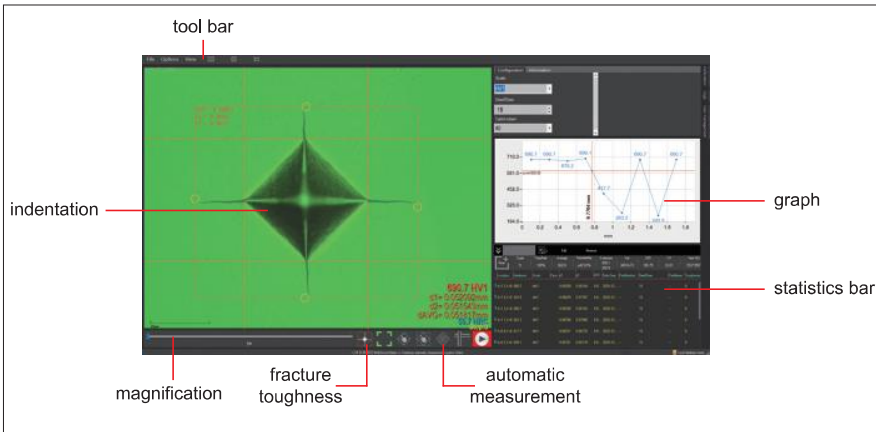
TOUCH  
SCREEN

MOTOR DRIVEN  
TURRET



- Touch screen color LCD display
- Data storage and average value calculation
- Automatic switch between the indenter and objective lens
- According to ISO 6507
- Wireless data transmission system is optional

measurement software (optional)

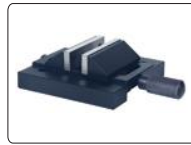


camera and measuring software (optional)





cylinder holder  
(included)



vice (included)



slice holder (included)



wireless data transmitter  
(optional)



desk (optional)

## SPECIFICATION

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
Converted scales	HRA, HRB, HRC, HRD, HRF, HV, HK, HBW, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T
Range	5~3000HV
Length measurement resolution	0.03μm
Objective/indenter switch	motor driven turret
Stage lifting	manual
Load control	automatic (load/dwell/unload)
Load dwell time	1~60 second
Objective	10X, 40X
Eyepiece	10X
Total magnification	100X (for measurement or observation), 400X (for measurement)
Max. workpiece height	90mm
Max. testing width	95mm (from the center of indenter to the wall of main body)
X-Y stage	dimension: 100×100mm, travel range: 25×25mm
Data output	built-in printer
Power supply	220V, 50/60Hz
Dimension (L×W×H)	510×290×570mm
Net weight	40kg

## 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
Slice holder	1 pc
Vice	1 pc
Cylinder holder	1 pc
Anti-dust cover	1 pc

## OPTIONAL ACCESSORY

Hardness test block	
Desk	HDT-DESK
Knoop indenter	HDT-MV-KNOOP
Measuring software (manual) *	HDT-ACM-SW
Measuring software (automatic) *	HDT-ACM-AW
Wireless data transmission transmitter **	7315-HDT-M
Wireless data transmission receiver **	7315-2/3/6/7/8/9

\* Measuring system includes camera and measuring software

\*\* The wireless data transmission transmitter and receiver must be purchased together