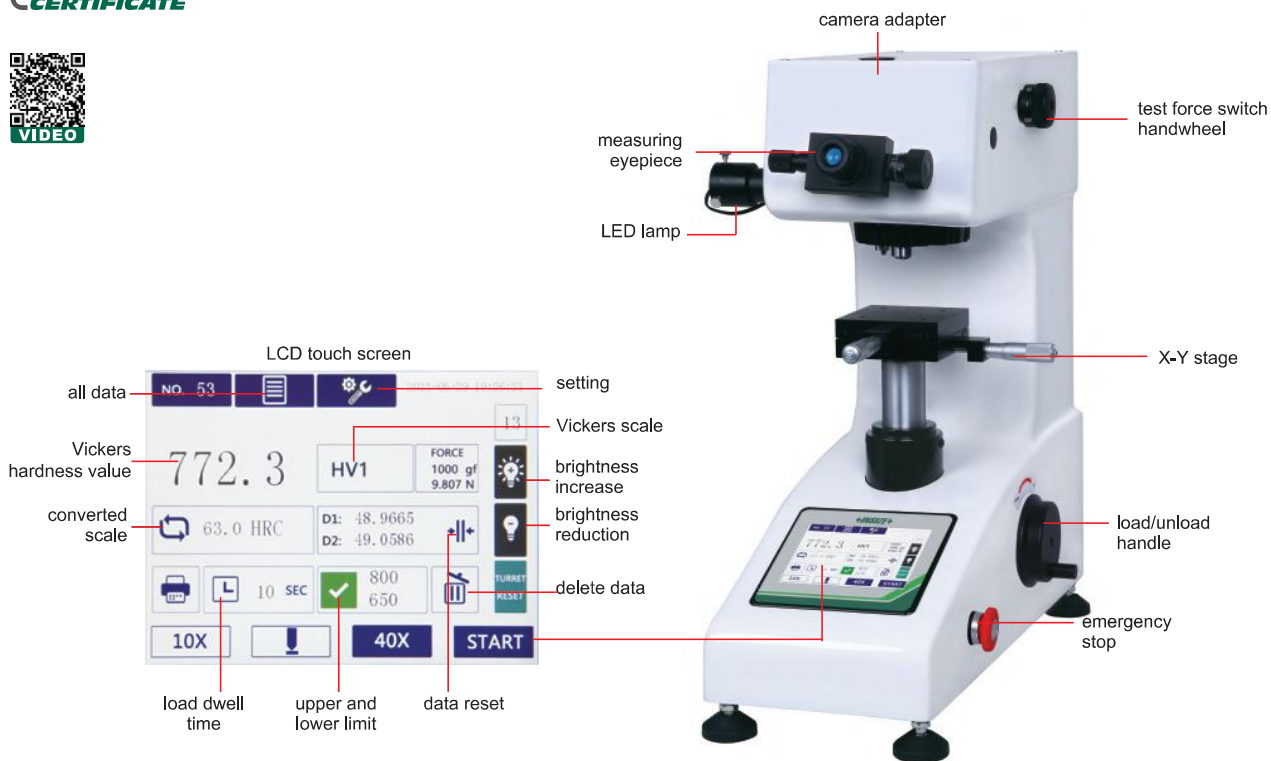


TOUCH
SCREEN

MOTOR DRIVEN
TURRET

DIGITAL MICRO-VICKERS HARDNESS TESTER (BASIC TYPE) CODE HDT-MVE1300

INSPECTION
CERTIFICATE



- 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

step: 1



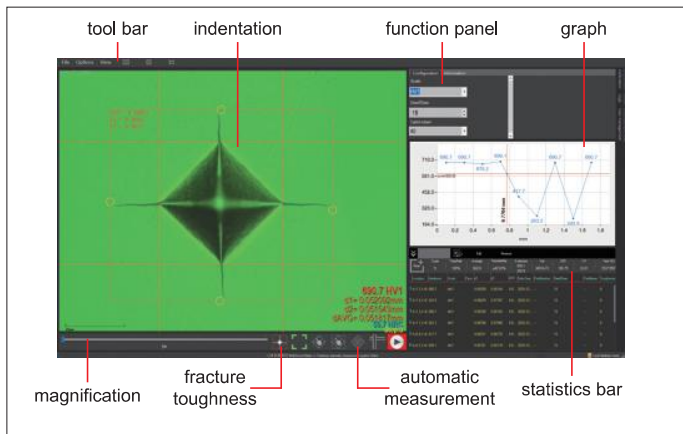
measure indentation
diagonal lengths by
measuring microscope

step: 2



input the indentation
diagonal lengths, the
hardness value is shown
on screen automatically

Vickers measuring software (optional)



camera and measuring software (optional)





vice (included)



slice holder (included)



cylinder holder
(included)



desk **(optional)**



wireless data transmitter
(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	0.5μm
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	RS232 (can transmit by optional wireless transmitter and receiver)
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	page 1356~1357
Desk	HDT-DESK
Knoop indenter	HDT-MV-KNOOP
Vickers measuring system (manual)*	HDT-ACM-SW
Vickers measuring system (automatic)*	HDT-ACM-AW
Wireless data transmission transmitter**	7315-HDT-M
Wireless data transmission receiver**	7315-2/3/6/7/8/9

*Vickers measuring system includes camera and measuring software

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