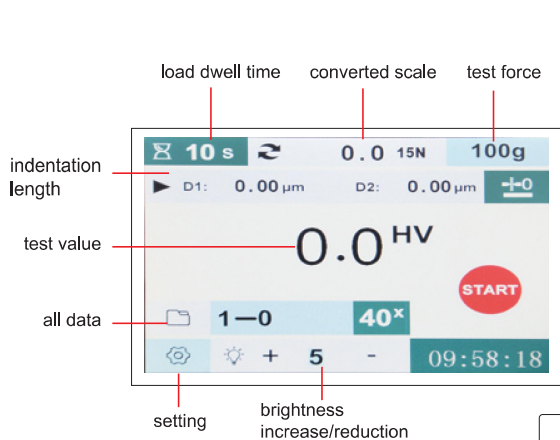


PRESS INPUT BUTTON TO HAVE
DIRECT READING OF HARDNESS

TOUCH
SCREEN

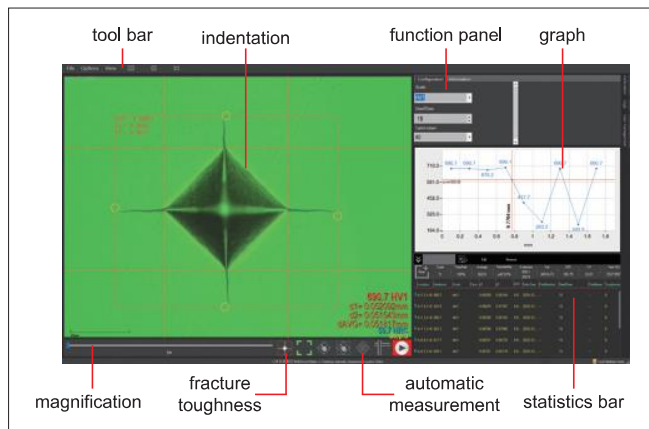
MOTOR DRIVEN
TURRET

DIGITAL MICRO-VICKERS HARDNESS TESTER (STANDARD TYPE) CODE HDT-MV320



- Touch screen color LCD display
- Data storage and average value calculation
- Automatic switch between the indenter and objective lens
- According to ISO 6507, ASTM E384, JIS Z 2244
- Automatic Vickers measuring system optional

Vickers measuring software (optional)



camera (optional)





cylinder holder (included)



vice (included)



slice holder (included)



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	0.06μm
Hardness value resolution	0.1HV
Test mode	HV/HK
Objective/indenter switch	motor driven turret
Stage lifting	manual
Load control	automatic (load/dwell/unload)
Load dwell time	1~60 seconds
Objective	10X, 40X
Eyepiece	10X
Total magnification	100X (for measurement or observation), 400X (for measurement)
Max. workpiece height	90mm
Max. testing width	100mm (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, RS232 interface
Power supply	220V, 50/60Hz
Dimension (L×W×H)	325×480×545mm
Net weight	31kg

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	
Knoop indenter	HDT-MV320-KNOOP
Desk	HDT-DESK
Measuring software (manual)*	HDT-ACM3-SW
Measuring software (automatic)*	HDT-ACM3-AW

*Measuring system includes camera and measuring software