

DIGITAL MICRO-VICKERS HARDNESS TESTER (STANDARD TYPE)

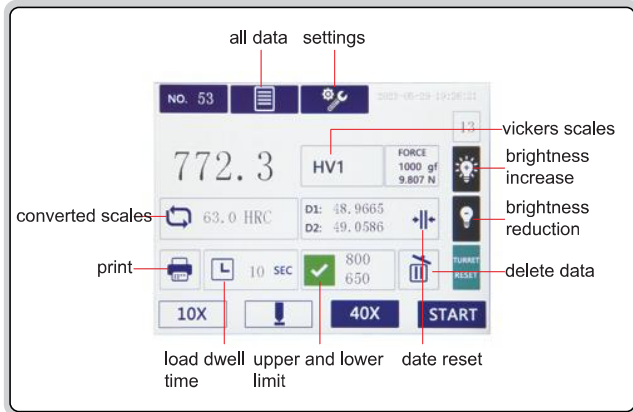
CODE HDT-MVH1100

TOUCH
SCREEN

MOTOR DRIVEN
TURRET

PRESS INPUT BUTTON TO HAVE
DIRECT READING OF HARDNESS

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



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	0.025μm
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 (form the center of indenter to the wall of main body)
X-Y stage	dimensions: 100×100mm, travel range: 25×25mm
Data output	built-in printer
Power supply	220V, 50/60Hz
Dimension	510×290×570mm
Weight	40kg

camera and measuring software



camera (optional)



cylinder holder (included)



slice holder (included)



vice (included)

STANDARD DELIVERY

Main unit	1pc
10X, 40X objective	1pc of each
Micro vickers indenter	1pc
Hardness test block 400~500HV0.2	1pc
Hardness test block 700~750HV1	1pc
Vice	1pc
Slice holder	1pc
Cylinder holder	1pc
Anti-dust cover	1pc

OPTIONAL ACCESSORY

Hardness test block 400~500HV0.2	HDT-B-HV02C
Hardness test block 700~750HV1	HDT-B-HV1F
Knoop indenter	HDT-MV-KNOOP
Camera	HDT-MVH-CM
Measuring software (manual)	HDT-MVH-SW
Measuring software (automatic)	HDT-MVH-AW