

MOTOR DRIVEN TURRET

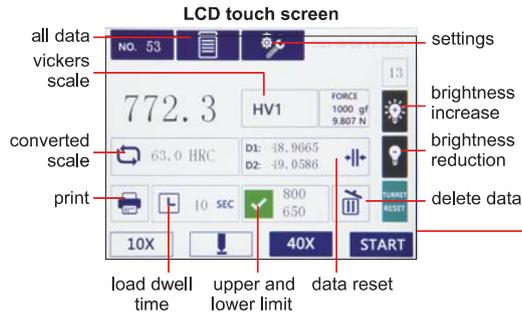
TOUCH SCREEN

PRESS INPUT BUTTON TO HAVE DIRECT READING OF HARDNESS

INSPECTION CERTIFICATE



DIGITAL MICRO-VICKERS HARDNESS TESTER (STANDARD TYPE) PART NO. HDT-MVH1100-U



- Touch screen color LCD display
- Data storage and average value calculation
- Automatic 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	1µm/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	10X (for measurement or observation), 400X (for measurement)
Max. workpiece height	3.54"
Max. testing width	3.74" (from the center of indenter to the wall of main body)
X-Y stage	dimension 3.94×3.94", travel range .98×.98"
Data output	built-in printer
Power supply	110V, 50/60Hz
Dimension	20.08×11.42×22.44"
Weight	88lb

camera and measuring software (optional)



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

*Measuring system includes camera and measuring software