

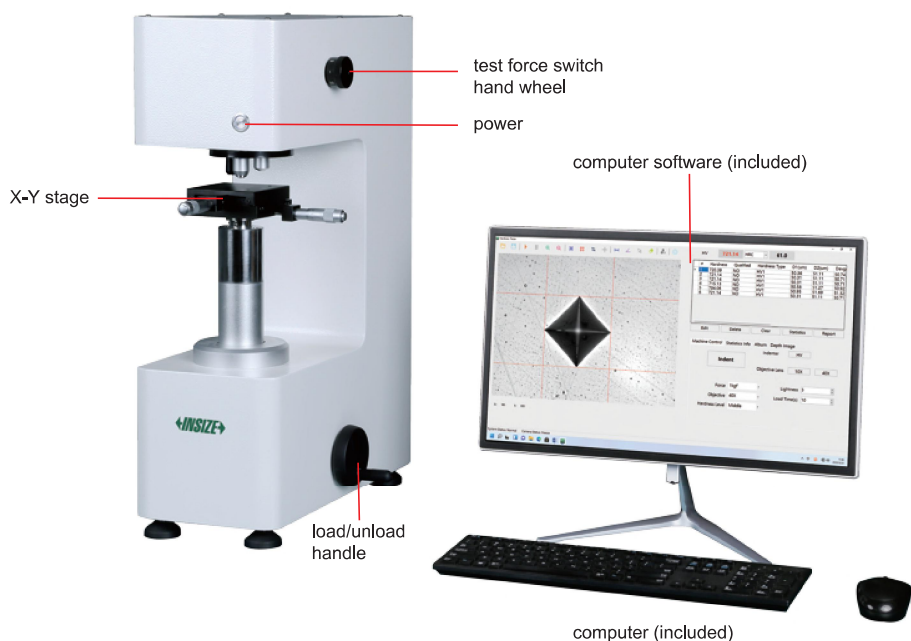
MICRO-VICKERS HARDNESS TESTER (SOFTWARE-TYPE) PART NO. HDT-MV315-U



AUTOMATIC
TEST

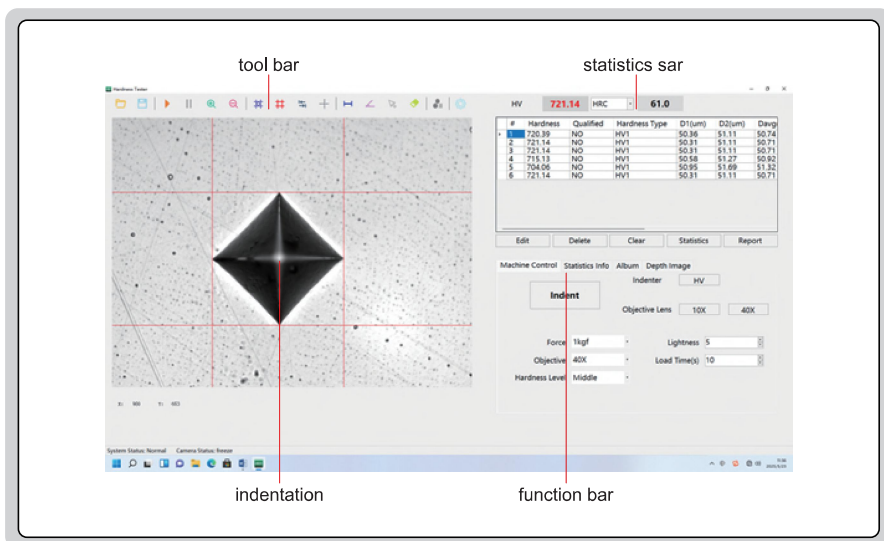
AUTOMATIC
TURRET

SOFTWARE
INCLUDED



- According to ASTM E92
- Standard dedicated Vickers measurement software, which can control the machine to perform automatic turret rotation, automatic indentation, and automatic measurement, etc.
- Built-in 5-megapixel high-definition CCD camera with compact optical path design for sharp imaging
- Built-in LCD light source with high brightness and long lifespan
- Capable of generating hardness gradient curves
- Capable of statistical calculations including average, maximum, and minimum values
- Equipped with out-of-tolerance alarm functionality
- The test results can be generated into Word or Excel reports

Vickers hardness testing software



vice (optional)



slice holder (optional)



cylinder holder (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, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HBW, HV, HK
Range	8-2900HV
Lenath measurement resolution	.394μin
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	10X (for measurement or observation), 400X (for measurement)
Max. testing height	3.94"
Max. testing width	6.69"
X-Y stage	dimension: 3.94×3.94", travel range: .984×.984"
Power supply	110V, 50/60Hz
Dimension (L×W×H)	21.26×10.24×25.59"
Weight	110.23lb

STANDARD DELIVERY

Main unit	1 pc
Micro vickers indenter	1 pc (on the main unit)
10X, 40X objective	1 pc of each (on the main unit)
Hardness test block 400~500HV0.2	1 pc
Hardness test block 700~800HV1	1 pc
Computer	1 pc
Vickers hardness testing software	1 pc
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

Vice	HDT-MV315-PK
Slice holder	HDT-MV315-BP
Cylinder holder	HDT-MV315-XS
Hardness test block 400~500HV0.2	HDT-B-HV02C
Hardness test block 700~750HV1	HDT-B-HV1F