

Touch Screen Automatic Turret Digital Micro Vickers Hardness Tester MHVS-1000A



Features:

IQUALITROL MHVS-1000A adopts touch screen display, and the operation interface adopts a menu structure. The hardness scale HV or HK can be selected on control panel, and the tested hardness value is automatically calculated and displayed automatically.

IQUALITROL MHVS-1000A equips with a 10X and a 40X objective lens, which can participate in the measurement, so that the measurement range is larger and the application range is wider. Force, indentation length, hardness value, test force holding time, measurement times, date, time, hardness conversion value and other functions. It has functions such as converting scales, storing, printing, etc., and has a threaded interface for connecting digital cameras and CCD cameras, which is convenient for choosing a computer and hardness analysis and measurement software.

Technical Specifications:

Model	IQUALITROL MHVS-1000A
Test Force	10gf、25gf、50gf、100gf、200gf、300gf、500gf、1kgf
	0.098N、0.245N、0.49N、0.98N、1.96N、2.94N、4.9N、9.8N
Convert Scales	HRA、HRB、HRC、HRD、HRF、HV、HK、HBW、HR15N、HR30N、HR45N、HR15T、HR30T、HR45T
Measurement Resolution	0.0025 μ m
Test Mode	HV/HK
Hardness Test Range	5~3000HV
Loading Control	Automatic (loading, dwell, unloading)
Turret Method	Automatic
Objective Lens	10X, 40X
Eyepiece	10X
Total Magnification	100X (observation) 400X (measurement)
Test Force Dwell Time	1~60s
X-Y Table Size	100*100mm
X-Y Test Table Maximum Movement	25*25mm
Data Output	Touch Screen Readout, Built-in Printer
Max. Height of Specimen	110mm
Throat depth	110mm
Power Supply	AC220V \pm 5%, 50~60Hz
Executive Standard	ISO 6507, ASTM E384, JIS Z2244, GB/T 4340.2