

Automatic Turret Microhardness Tester HV-1000A



Features:

iqualitrol HV-1000A (HV-1000 Manual Turret) equips with a 10X digital display measuring microscope and a 40X objective lens, which can participate in the measurement, so that the measurement range is larger and the application range is wider.

Test force, indentation length, hardness value, test force holding time, measurement times, date, time, hardness conversion value and other functions. It has functions such as conversion scale and storage, and has a threaded interface for connecting digital cameras and CCD cameras, which is convenient for selecting computers and hardness analysis and measurement software.

Technical Specifications:

Model	HV-1000A (HV-1000 Manual Turret)
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	0.025 μ m
Test Mode	HV/HK
Hardness Test Range	5~3000HV
Test Force Application Method	Automatic (loading, dwell, unloading)
Turret Method	Automatic only for HV-1000A, (HV-1000 Manual Turret)
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	LCD display readout
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
Dimensions	405*290*480mm
Net Weight	40KG