

Micro Vickers Bench Hardness Tester MV-102A & MV-102D



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Micro Vickers Bench Hardness Tester MV-102A & MV-102D

- Easy handling
- Fully automated load control
- Large touch screen
- Built-in printer and RS232-interface (D type only)
- Two optical paths
- XY stage with minimum reading of 0.01mm
- With automatic turret
- CCD camera system optional



Technical Specification

	MV-102A	MV-102D
Hardness scale	HV0.01, HV0.025, HV0.05, HV0.1, HV0.3, HV0.5, HV1	
Test force	10~25~50~100~200~300~500~1000g	
Test force selection	Dial	
Accuracy	GB, EN-ISO 6507, ASTM, JIS	
Test force control	Automatic (loading/dwelling/unloading)	
Dwell time	5-99s	
Turret	Automatic	
Eyepiece magnification	10x	
Encoder	analogue	digital
Hardness resolution	0.25µm	0.01µm
Objective	10x, 40x	
Total magnification	400x (measure), 100x (observe)	
Measuring range	200µm	
Optical path	2-way switchable: eyepiece/camera	
Light source	Halogen lamp	
Display	Diagonal length, Conversion, Test force N, kg	
Hardness value	5-digit	
Diagonal length	4-digit (D1, D2)	
Built-in printer	no	yes
RS232-Interface	no	yes
Conversion	Brinell, Rockwell, Rockwell superficial	
XY-Stage		
Dimension	100x100mm	
Travel range	25x25mm	
Resolution	0.01mm	
Specimen maximum	90mm x 120mm (Depth from the centerline)	
Dimension / Weight	500x330x560mm / 36kg	
Power supply	110/220V AC, 60~50Hz	

Standard Delivery

- Adjustable feet
- XY-Stage
- Cylindrical anvil
- Precision vice
- Filter glass
- Spirit level gauge
- Dustproof cover
- Power cable
- RS232 cable (D type only)
- Manual
- Case for accessories
- Spare lamp
- Spare fuse

Optional accessory

- CCD Camera system
- Certified test blocks
- Certified indenters
- Special sample holder