

Description

DHV-1M Automatic turret micro hardness tester is the basic type micro hardness tester.

1. This instrument adopts LCD display, and can make a choice of any gear of test force for hardness scales HV or HK, as well as dwell time via the control panel;
2. The brightness of the light source can be adjusted without limit;
3. D1 and D2 value measured by observation lens is input directly when operating, and there is hardness value displayed on the LCD screen.
4. DHV-1M automatic turret micro hardness tester can switch the indenter and the objective lens in the test, and the test point is automatically positioning accurately.



Technical Parameter

Instrument Model	DHV-1M
Test Force	10gf (0.098N)、25gf (0.245N)、50gf (0.49N)、100gf (0.98N)、200gf (1.96N)、300gf (2.94N)、500gf(4.9N)、1kgf (9.8N)
Implementation Standard	GBT4340.1, GBT4340.2, ASTM_E92
The Minimum Test Unit	0.5 μm
Data Output	LCD Display and can be read
Max. Height of the Work Piece	80mm
Distance from Indenter Center to the Outer Wall	95mm
Host Weight	Approximately25Kg
X-Y Test Table	Dimension: 100x100mm Max. Movement: 25x25mm
Conversion of Hardness Standard	HRA、HRB、HRC、HRD、HRF、HV、HK、HBW、HR15N、HR30N、HR45N、HR15T、HR30T、HR45T
Hardness Value Test Range	8-2900HV
Application Method of Test Force	Automatic (loading, dwell, unloading)
Test Microscope Magnification	400x (Test) 100x (Observation)
Test force dwell time	0-60s
Power Supply	AC220V+5%, 50-60Hz
Dimension	405*290*480mm
Host Weight	Approximately 25Kg

Standard Configuration

Item	Quantity	Item	Quantity
Counterweight Axis	1 pc	Counterweight	6 pcs
Cross Anvil	1 set	Sheet clamping table	1 set
Flat Clamping Table	1 set	Filament clamping table	1 set
Screwdriver	2 pcs	Adjusting Screw	4 pcs
Small Lever Meter	1 set	10x test observation lens	1 pc
Micro Vickers Hardness Block (higher block and lower block)	One Block each	Spare fuse(2A)	2 pcs
Power Cable	1 pc	Product Certificate	1 pc
Product User Manual	1 pc		