



## Advanced Automatic Digital Turret Micro Hardness Tester

### Description:

1. Standard 8-speed force from 10gf (0.098N) to 1kgf (9.8N);
2. Measure the indentation diagonal length, and the system automatically calculate and display the hardness value;
3. Automatically switch the indenter and objective lens when testing, test point automatically position accurately;
4. The two objectives can both measure hardness values;
5. Hardness value automatically corrected according to different forces on standard blocks;
6. The touch-screen interface, easy to operate, any language version;
7. U disk data is saved directly to EXCEL format for easy editing and processing;
8. Save more samples and testing information; password protect setup parameters;
9. Hardness automatically converted according to GB / ASTM;
10. Modular design, easy maintenance; large sample space, and placing large sample;
11. Can be equipped with software and computer on-line, the computer can control the hardness tester, can process the image and data; can be upgraded to automatic micro hardness tester.



### Technical Parameter

Product Model	DHV-1MDX
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 of Standard	GBT4340.1, GBT4340.2, ASTM_E92
Minimum Test Unit	0.031 $\mu$ m
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)
Conversion of Objective Lens and Indenter	Automatic
Test microscope magnification	100X (Test) 400X (Test)
Test force dwell time	0-60s
X-Y Test Table	Dimension: 100x100mm Max. Movement: 25x25mm
Data Output	LCD display, and can be stored to the U disk in Excel format
Maximum Height of the Work Piece	80mm
Distance of Indenter Center to the Outer Wall	95mm
Power Supply	AC220V+5%, 50-60Hz
Dimension	405x290x480mm
Host Weight	Approximate 25 kg

## Accessory

Item	Quantity	Item	Quantity
Counterweight	6pcs	Cross anvil	1set
Micro Vickers hardness block (higher block, lower block)	1 Block Each	U disk (containing product manual, product certification)	1pc
Adjustable feet	4pcs	Lever Meter	1set
Dust Cover	1pc	screwdriver	2pcs
Spare fuse (2A)	2pcs	power cable	1pc