

## HVS-1000Z Digital Automatic Turret Micro Vickers hardness tester



### Main Features:

Model HVS-1000Z Digital Automatic Turret Micro Vickers hardness tester with large screen LCD display, use the menu interface type structure, can be in operation panel choose hardness HV or rod HK, test of hardness value, automatic input, automatic display. For all kinds of hardness value mutual conversion, and the testing result is automatic storage, processing, printing. With RS-232 interface, and computer online. This machine is digital, high degree of automation. Hardness value error can be modified through software input, hardness value more accurate meets the requirement.

HVS-1000Z Digital Automatic Turret automatic turret Micro hardness tester with digital display when the pressure head and the objective to switch to each other, the test point to be automatic positioning precision.

### Usage Range:

Heat treatment, carbide, quench hardened layer, the surface coating layer, steel, non-ferrous metal and small and thin shape parts, etc.

### Technical Specifications:

Model	Model HVS-1000Z Vickers hardness tester
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)
Min measuring unit	0.031μm
Data output	LCD screen display, Inside Printer, RS-232
Max Height of Specimen	80mm

Distance of Indenter to outer wall	95mm
Net weight	About 25Kg
X-Y Testing table	Dimension: 100*100mm Max mobile: 25*25mm
Power supply	AC220V+5%, 50-60Hz
Overall Dimension	405*290*480mm
Conversion Scale	HRA、HRB、HRC、HRD、HRF、HV、HK、HBW、HR15N、HR30N、HR45N、HR15T、HR30T、HR45T
Hardness measuring range	8~2900HV
method of testing force applied	Automatic (Loading, Dwell, Unloading)
Test microscope magnification	400X(Measuring), 100X (observation)
Duration time	0~60s

**Standard Accessories:**

Item	Quantity	Item	Quantity
Weight shaft	1	Weight	6
Cross clamping testing table	1	Flat clamping testing table	1
Filament clamping testing table	1	Thin Specimen Testing Table	1
Screw driver	2	Level adjustment screw components	4
Level bubble	1	Objective 10X	1
Micro Vickers hardness block (High, Low)	Each 1	Fuse(2A)	2
Power cable	1	Product Certificate	
Manual	1		

**Note:**

Special accessories: special accessories according to user needs rationing custom, the price is another plan.

1. Knoop indenter: can measuring some high hardness materials.
- 2, Provide 16 X micro-distance measuring eyepiece, total magnification for 640 \* and \* 40.
- 3, Provide 6.8 inch LCD screen can be equipped with, have tested indentation in the display on the screen and the measurement.
4. Provide equipped with image acquisition device, will impress clearly shown on a computer screen for automatic or manual measurement.