

HV-1000BZ Automatic Turret Micro Vickers Hardness Tester

Standard Configuration

Weight axis	1	Weights	6
Cross test table	1	Wafer holder	1
Flat clamping table	1	Filament holder	1
Screw driver	2	Adjusting screw	4
Small level	1	10x test eyepiece	1
power cord	1	Spare fuse (2A)	2
Product instructions	1	Product certificate	1
Micro Vickers hardness block (high value, low value)			One of each



Introduction

HV-1000BZ Micro Vickers Hardness Tester adopts LCD display. By mean of control keys, HV or HK hardness scales, testing force and duration time can be selected and brightness of light source can be adjusted without steps. With measuring microscope, it may test out the length values of diagonals D1 and D2, then press the keys to input the length values, and the hardness values will be displayed on the LCD screen.

Features

- The machine has the functions of data storage, query and average value calculation
- The machine adopts three-point positioning, which is more accurate and repeatable
- The supporting shrapnel of the machine is made of imported special customized material, which has high toughness, high fatigue resistance and is not easy to deform 4. The operation interface of the machine adopts the humanized format, the number area and function column type. The menu function classification is clear and detailed, and the lighting brightness, menu selection and objective selection all have memory function
- The hardness conversion table is classified and refined, which is a perfect conversion table in the industry at present
- The light source system adopts self-developed new LED lighting, with long service life and low calorific value

Technical specification

Model	HV-1000BZ	
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)	
Minimum test unit	0.5μm	
Magnification of Microscope	100X (For Observation) 400X (For Measurement)	
Loading Method	Automatically (loading, Dwell, unloading)	
Overall Dimension	405×290×480mm L X W X H	
Net Weight	25kg	
Max Height of Specimen	65mm	
Power Supply	AC220V±5%, 50~60Hz	
X-Y Testing Table	Dimension:100 × 100 mm	Max. Travel Range: 25 × 25mm