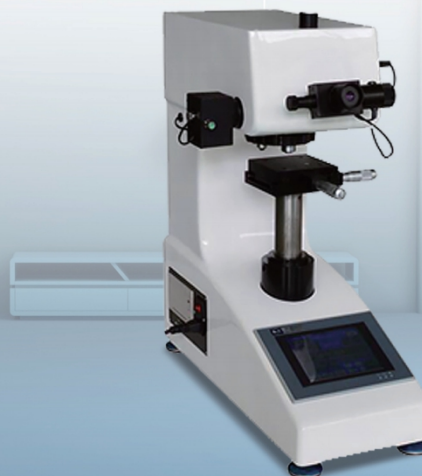


HV-1000MBZ Micro Vickers Hardness Tester

Standard Configuration

Weight shaft	1	Weight	6
Cross test table	1	Sheet holding table	1
Flat clamping table	1	Filament clamping table	1
Screwdriver	2	Adjusting screw	4
Small spirit level	1	10X test eyepiece	1
power cable	1	Spare fuse (2A)	2
Instruction Manual	1	Product certification	1
Micro Vickers hardness block (high value, low value)			One of each



Introduction

This product adopts a unique and precise design in machinery, optics and light source, which makes the indentation imaging clearer and the measurement more accurate. It adopts a new color touch screen LCD display, and the operation interface adopts a menu structure, which can be selected on the operation panel and can be converted between various hardness values.

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
- The operation interface of the machine adopts the humanized format, the number area and function column type
- The 10X and 40X objective lenses in high-end models have both measurement and observation functions
- 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-1000MBZ		
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	0.25μm		
Conversion ruler	HRA、HRB、HRC、HRD、HRF、HV、HK、HBW、HR15N、HR30N、HR45N、HR15T、HR30T、HR45T		
X-Y Test Table	Size: 100 x 100mm Maximum movement: 25 x 25mm		
Data output	LCD display readout, built-in printer and RS-232 interface		
Maximum height of specimen	90mm		
Test force application method	Automatic (loading, holding, unloading)	Hardness test range	5~3000HV
Test microscope magnification	100X (Observed) 400X(test)	Test force holding time	1~60s
power supply	AC220V+5%, 50-60Hz	Size	405 x 290 x 480mm
Distance from center of indenter to outer wall	95mm	Weight	40Kg