



Details : Product Introduction

HV-1000A Micro hardness tester made of shell integral casting and processing, holes drilling and alignment with one operating, to ensure the concentricity and coaxiality of holes, that is a good foundation for the machine's high precision and high stability .The Hardness tester light source using a special high-quality imaging microscope light source system, light field brightness uniform and clear, thereby reducing the indentation measurement error. The user interface adopts the menu type humanized structure. You can select the hardness scale HV or HK for the hardness value, and input the display manually. Various hardness values can be converted to each other. Objective lens and indenter automatic conversion positioning, with the advantages of high efficiency and easy operation.

The highlights of the new machine are as follows: The operating performance and function of the machine absolutely have the leading technology in the same industry.

1. The new machine adopts the new type of light source of the filter LED, the image is clear and does not hurt the eyes, and it is suitable for all kinds of products no exception, long life (can provide three years free replacement).

2. New machine RBI positioning using three-point positioning method, more accurate, repeat, the position no offset, .

3. New machine support shrapnel imported special custom materials with high toughness, high resistance to fatigue, not easy to deformation (can provide three years free replacement).

4. The new machine interface using user-friendly format, digital area and functional area distinction column, the face key is clearly marked with Chinese and English, at the same time menu with Chinese and English language switching display function, suitable for multi-national personnel operation. Menu function classification clear and meticulous, light brightness, menu selection and objective selection has a memory function.

5. 10X and 40X in the high profile models have both the measurement and observation function (similar to only 40X objective lens with a measurement function)

Specification

Hardness Scale	HV, HK
Test Force	10-25-50-100-200-300-500-1000gf
Hardness Range	1HV-3000HV
Test Force Selection	Manually
Implementation of Standards	EN-ISO6507、ASTM E384&E92 JIS
Loading and Unloading Mode	AUTO
Dwelling Time	0-60s Adjustable
Turret	AUTO
Micrometer Eyepiece Multiple	10X
measure Resolution Ratio	0.25μm Drum Reading
Objective Magnificatio	10X 40X
Total Magnification Times	100X (Observation) 400X (Measurement)
Measurement Range	150μm
Optical Channel	Dual Channel/CCD
Filter	Green
Light Source	Halogen Lamp (Brightness Adjustable)
Hardness Resolution Ratio	0.1 Vickers Unit
Hardness Conversion	Brinell, Rockwell, Surface Rockwell
Max. Height of Test Sample	90mm
Centerline Depth	120mm
XY Test Bench Size	100X100mm
XY Test Bench Moving Distance	25X25mm
XY Test Bench Min. Displacement Number	0.01mm
Operating Temperature	23±5°C
Operating Humidity	<65%
Host Dimension	530mmX290mmX490mm
Net Weight	40Kg
Power Supply	220V 2A 50-60HZ