

Details: Product Introduciton

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

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 00erating Humidity <65% Host Dimension SommX290mmX490mm Net Weight 40Kg	Hardness Scale	LINV LIIV
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 Operating Humidity <65% Host Dimension SommX290mmX490mm Net Weight 40Kg		HV, HK
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Turret AUTO Micrometer Eyepiece Multiple 10X measure Resolution Ratio 0.25 Drum Reading Objective Magnificatio 10X 40X Total Magnification Times 100X (Observation) 400X (Measurement) Measurement Range 150 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 90 Centerline Depth 120 XY Test Bench Size 100X100 XY Test Bench Moving Distance 25X25 mm XY Test Bench Min. Displacement Number 0.01 mm Operating Temperature 23±5°C Operating Humidity <65% Host Dimension 530 mmX290 mmX490 mm Net Weight	Loading and Unloading Mode	AUTO
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Operating Humidity <65% Host Dimension 530mmX290mmX490mm Net Weight 40Kg	XY Test Bench Min. Displacement Number	0.01mm
Host Dimension 530mmX290mmX490mm Net Weight 40Kg	Operating Temperature	23±5°C
Net Weight 40Kg	Operating Humidity	<65%
	Host Dimension	530mmX290mmX490mm
Power Supply 220V 24 50 60H7	Net Weight	40Kg
Power Supply 220V 2A 30-00HZ	Power Supply	220V 2A 50-60HZ