

Economical Digital Micro Vickers Hardness Tester DHV-1000 Series



Description:

- DHV-1000 Series is a precision Micro Vickers hardness testing machine integrating optics, mechanics, and computer
- DHV-1000 is equipped with LCD Screen to make the operation easy to use
- DHV-1000 capable of Vickers or Knoop hardness tests
- DHV-1000 series can be equipped with a CCD device
- Suitable for micro/thin pieces and materials such as agate, glass & ceramics

Specifications:

| Product Name | | Manual-turret Micro Vickers Hardness Tester | Auto-turret Micro Vickers Hardness Tester |
|-----------------------------|----|--|---|
| Model | | DHV-1000 | DHV-1000Z |
| Testing Force | gf | 10 25 50 100 200 300 500 1000 | |
| | N | 0.098 0.246 0.49 0.98 1.96 2.94 4.90 9.80 | |
| Indentation Measurement | | Mechanical Micrometer | |
| Loading Control | | Automatic (Loading, Dwell, Unloading) | |
| Magnification of Microscope | | Observation:10x Measurement:40x | |
| Magnification of Eyepiece | | 10x Eyepiece | |
| Dwell Time | | Adjustable 5-60s | |
| Testing Range | | 1HV – 2967HV | |
| X-Y Stage | | Size: 100x100 mm Travel: 25x25 mm Resolution: 2µm | |
| Illumination | | Adjustable LED Light-Source (Halogen is optional) | |
| Max. Height of Specimen | | 100 mm | |
| Instrument Throat | | 95 mm | |
| Power Supply | | AC220V / 50Hz 110V / 60Hz | |
| Dimension (LxWxH) | | 425 x 245 x 490mm. | |
| Packing Dimension | | 500 x 490 x 700 mm. | |
| Gross / Net Weight | | 45Kg / 35Kg | |

Standard Packing List:

- Vickers Indenter
- Hardness Block HV0.2
- Hardness Block HV1
- Fuse / Power Cable
- Objective Lens 40x
- Objective Lens 10x
- X-Y Stage
- Eyepiece
- Accessories Box
- Anti-dust Cover
- Level Screw
- Instruction Manual
- Weights / Gradienter
- Thin-Piece Clamp
- Filament Clamp
- Flat Clamp

Optional Accessories:

- Knoop Indenter
- Hardness Blocks
- Vickers Measuring Software
- LCD Video Monitor
- CCD Measuring Camera
- X-Y Stage
- Digital Micrometer Head
- USB Camera
- CCD Adapter

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