

Advanced Digital Micro and Knoop Hardness Tester 404SXV



Description:

- 404SXV is a precision Micro Vickers hardness testing machine incorporating optics, mechanics and computer.
- 404SXV is equipped with a large LCD screen, making its operation clear and easy to use.
- 404SXV LCD Screen makes the machine very easy to read and operate. It displays test method, test force, dwell time, number of measurements, diagonal length and hardness value.
- 404SXV can store data and results and output to the printer.
- 404SXV will offer conversion for 17 hardness scales and talk to a PC through the RS-232 interface.
- 404SXV has both Micro and Knoop hardness as standard.

Specifications:

| Product Name | | Digital Auto-turret Micro and Knoop Hardness Tester |
|-----------------------------|----|---|
| Model | | 404SXV |
| 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 | | Digital Encoder Measurement |
| Test Mode | | Vickers/Knoop |
| Output Data | | RS-232/Mini-printer |
| 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 |
| Auto Hardness Conversion | | HRA HRB HRC HV HK HBW etc |
| X-Y Stage | | Size:100x100mm Travel:25x25mm Resolution:2μm |
| Illumination | | Halogen light-source |
| Max. Height of Specimen | | 100mm |
| Instrument Throat | | 98mm |
| Power Supply | | AC 220V/50Hz 110V/60Hz |
| Dimension (LxWxH) | | 480 x 305 x 545mm |
| Packing Dimension | | 500 x 490 x 700mm |
| Gross/Net Weight | | 45Kg/35Kg |
| Execution Standard | | GB/T4340.2 EN-ISO6507 ASTME10-18 ASTME-384 |

Standard Packing List:

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

Optional Accessories:

| Optional Items | Optional Items | Optional Items |
|----------------------------|----------------------|-------------------------|
| Digital Micrometer Head | LCD Video Monitor | Digital Micrometer Head |
| Hardness Blocks | CCD Measuring Camera | USB Camera |
| Vickers Measuring Software | X-Y Stage | CCD Adapter |