

### Touch-screen Digital Micro Vickers Hardness Tester Manual Turret



#### Product Features:

- **HVS-1000THY** Touch-screen digital manual turret, adopt 8-inch touch screen and high-speed processor,
- Machine body apply high quality cast iron, with the automotive paint treatment process,
- The turbo-worm lifting system can greatly improve the test stability and accuracy, and there is no need to focus again after the test is completed;
- Equipped with HD measurement and observation - dual objective lens combination, combined with the built-in length encoder HD micrometer eyepiece, to achieve indentation diagonal one-key measurement, greatly reduce the manual interference and reading error.

#### Technical specifications:

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|---|--|
| Model                                     | HVS-1000THY  |
| Range of Measurement                      | 5-5000HV   |
| Test Force                                | 0.09807、0.2452、0.4904、0.9807、1.961、2.942、4.904、9.807N<br>(10、25、50、100、200、300、500、1000gf) |
| Data Entry Mode                           | Automatic  |
| Turret Mode                               | Manual Turret  |
| Maximum Height of Specimen                | 120mm  |
| Distance between Indenter Center and Wall | 110mm  |
| XY Worktable Size                         | 100*100mm  |
| XY Worktable Travel                       | 25*25mm  |
| XY Worktable Travel Resolution            | 0.01mm   |
| Objectives                                | 10×, 40×   |
| Total Magnification                       | 100×, 400×   |
| Indentation Measuring Resolution          | 0.025 μm   |
| Hardness Resolution                       | 0.1HV  |
| Power Supply                              | AC 220V, 50Hz  |
| Outline Dimension                         | 530*290*490mm  |
| Net Weight                                | 45kg   |