Service Call: +86-13711988687

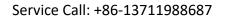


Touch-screen Auto Turret Micro Vickers Hardness Tester



Product Features:

- HV-1000ATHY Touch-screen auto turret micro vickers hardness tester, adopt 8 -inch touch screen and high-speed ARM processor, Visual display, friendly man-machine interaction, easy operation, Fast operation speed, extensive database storage, data automatic correction, and provide data broken line report;
- The machine body is integral casting by high quality cast iron, with the automotive paint treatment process, the appearance is round and beautiful;
- 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 automatic turret function, 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;
- Convenient control system can automatically convert the unit of full hardness scale;
- •The maximum and minimum hardness values can be set, when the test value exceeds the set range, an alarm sound will be issued:
- •With the function of software hardness value correction, the hardness value can be directly corrected within a certain range;
- With the database function, the test data can be saved automatically in groups, each group can save 10 data, total can save more than 2000 data;
- With the hardness value curve display function, intuitive display the changes of hardness value;
- CCD image processing system can be optional, the knoop indenter can be selected to measure the knoop hardness;
- Equipped with wireless blue-tooth printer, the data can be output through RS232 and USB interface port;
- Accuracy is in line with GB/T4340.2 ISO6507-2 and us ASTM E384.





Main Parameters:

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