

Hardness Tester YK-50E



YK50E Tablet Hardness Tester is a pharmaceutical analysis instrument designed for measuring four physical parameters of tablets: hardness, diameter, thickness, and weight. It is widely used in pharmaceutical factories, drug inspection institutes, and research institutions. This instrument fully complies with the requirements of the 2020 edition of the Chinese Pharmacopoeia.

Main Features:

- **Control and Operation:** The instrument uses a microcontroller to manage the user interface, making it convenient and easy to operate.
- **Measurement Accuracy:** Equipped with high-precision pressure sensors to ensure accurate measurements.
- **Display:** Touch screen with options for Chinese or English interface.
- **Data Processing:** Automatically performs statistical analysis, printing, and display of measurement data.



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- Time Recording:Features a real-time clock function that can print the date and time and other data on the report.

- Fault Diagnosis:Has a self-diagnosis function to automatically prompt for any abnormal phenomena during testing.

- Printing Function:Built-in thermal printer with the option to connect an external dot-matrix printer.

- Calibration:Simple and convenient calibration method.

Technical Specifications

- Measurement Range

- Hardness:10-500 N,resolution 0.01 N,accuracy 0.1 N.

- Diameter:2-25 mm,resolution 0.01 mm,accuracy 0.1 mm.

- Thickness:0.5-15 mm,resolution 0.01 mm,accuracy 0.1 mm.

- Weight:1-20000 mg,resolution 1 mg,accuracy 20 mg.

- Units of Measurement

- Hardness:Options include N/Kg/Kpa.

- Diameter:Options include mm/inch.

- Measurement Mode:Manual single-piece or automatic continuous(up to 100 tablets).

- Display:7-inch touch screen.

- Printing Interface:Standard Centronics serial print interface,supports Chinese or English output.

- Power Supply:220V/50Hz.