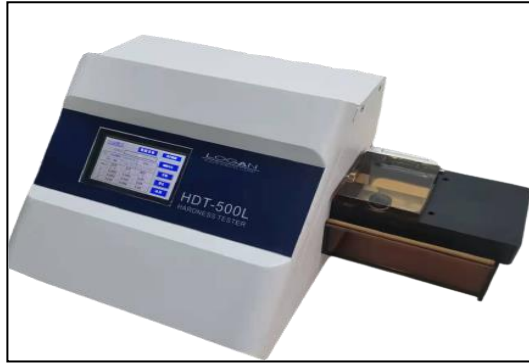


Logan HDT-500L Hardness Tester



Features:

- User-friendly interface
- Ultimate information security
- Fast measurement speed
- Measurement accuracy and reproducibility
- Customized troughs for special shapes
- Manual & automatic test methods
- USB port for soft copy documents
- Built-in printer for hard copy documents
- FDA 21 CFR Part 11 compliance

The **LOGAN HDT-500L Hardness Tester** is the most recent device designed specifically for testing the thickness, diameter, and hardness of tablets, capsules, and cores. A balance can be attached to the instrument to measure the weight.

The user-friendly interface is enhanced by a display that includes a high-resolution color touch screen with one click to switch languages. Account and password login, combined with a three-level user management system, ensures data security. The real-time calendar function allows for time settings to be calibrated with permission. To achieve the highest accuracy, the system has four calibration points: 5 kg, 10 kg, 15 kg, and 20 kg.

Fast testing speed: no more than **30 seconds** from start to finish for thickness, diameter, and hardness measurements. The high precision load cell ensures measurement accuracy and data reproducibility. Customized troughs are designed for special-shaped tablets that are not conventional shapes to ensure the tablets are placed correctly for maximum accuracy.

A comprehensive data analysis, including statistics, display, storage, and printing, can be performed. Every time the system starts up, it performs a self-check. The self-diagnosis function allows for automatic prompting for test abnormalities. There is a function that saves parameters and experimental data automatically to prevent data loss.

To improve data traceability, the memory storage function enables powerful data audit tracking. The **LOGAN HDT-500L Hardness Tester** complies with **FDA 21 CFR Part 11 requirements**.

Specifications

Hardness range:	0.0-500.0 N
Hardness accuracy:	±0.5%
Hardness resolution:	0.1N
Hardness units:	Newtons (N) / Kiloponds (Kp) / Strocobbs (Sc)
Diameter/Thickness units:	Millimeters (mm) / inches
Diameter/Thickness accuracy:	±0.06 mm
Diameter/Thickness range:	2.0 - 25.0 mm
Diameter/Thickness resolution:	0.01mm
Repeated measurement error:	±1%
Time per test:	30 sec. MAX.
Voltage:	AC100-230V, 50-60HZ
Language:	English and Chinese