



## Application

Test the wear resistance and tear resistance of socks.

## Compliant with Standards

EN 13770-2002 Textiles - Determination of wear resistance of knitted footwear - Method C

## Testing Principle

Install the sample on the testing mold, rub the sock sample with sandpaper at a constant speed, and cycle every 100 or 500 times to observe if the sample is damaged or thinning. If so, record the number of times.

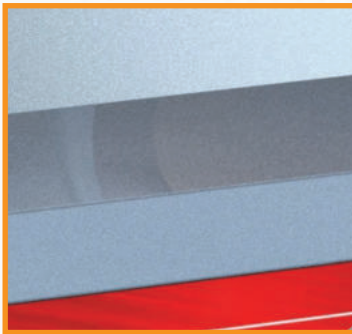
## Product Features

1. The electric control box adopts metal baking paint;
2. Imported special aluminum brushed panel, beautiful and generous;
3. The transmission sliding mechanism adopts imported linear sliders, which operate smoothly and have no vibration;
4. The base is treated with metal baking paint process;
5. The sampling handwheel adopts thread locking, which has good friction and does not slip;
6. Adopting a large color touch screen for operation, with a user-friendly interface design; Equipped with a bilingual operating system in both Chinese and English.
7. Servo drive and motor, with stable and adjustable speed, and extremely low operating noise;
8. The leg surface is equipped with imported cork

## Sock Wear Tester Model: ADL-SWT2

### Electrostatic spraying

#### Process treatment



The surface of the instrument is treated with electrostatic spraying technology, which is beautiful, generous, and easy to clean

### Color touch

#### Screen display



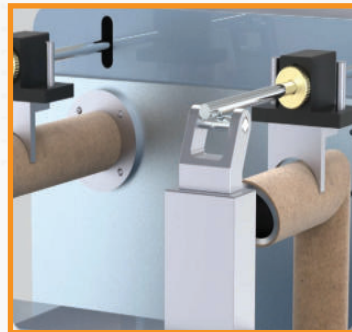
Color touch screen display and control, Chinese and English interface, menu style operation mode

### The core components



The core components are processed using a 32-bit multifunctional motherboard from STMicroelectronics

### Live shot



## Key Specification

- Friction frequency - 1-999999 times (adjustable)
- Reciprocating stroke - 1-30 mm
- Workstation - 2
- Reciprocating frequency - 125 times/min
- Power supply - AC220V ± 10% 50Hz
- External dimensions - 650mm × 600mm × 580mm
- Weight - 45K

*\*Technical Data Subject to change without notice.*

AdLab is a globally recognized brand specializing in the manufacturing and supply of high-quality laboratory equipment and textile testing instruments. With over 15 years of experience, we are committed to delivering precision-engineered solutions that meet the needs of industries such as textiles, pharmaceuticals, research laboratories, and educational institutions. Our products are designed to enhance efficiency, accuracy, and reliability in scientific and industrial applications.

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AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers, Needle Detectors, and In-House Testing Equipment. Designed for precision and efficiency, our products ensure accurate testing and reliable performance across various industries.

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- ✓ Installation & Training – We offer professional installation services and hands-on training to help users operate our equipment efficiently.
- ✓ Calibration & Maintenance – Regular calibration and maintenance services ensure that your laboratory instruments remain accurate and in optimal working condition.
- ✓ Customized Solutions – We provide tailored solutions to meet specific industry requirements, helping our clients achieve maximum efficiency in their operations.

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