



Wool Fineness Tester Model: ADL-WFT01

Product Description

ADL-WFT01 using Airflow method test the Wool Fineness Tester data, it has a wide measurement range, simple and quick measuring method, the test results directly displayed on the LCD screen, and can also be transferred to the computer via the Wifi, and print out the perfect test report.

Technical Specifications

- Measuring range: 12 ~ 50um
- Measuring accuracy: 0.1um (standard lab environment)
- Test time: 15 seconds on average
- Sample mass: $2.5 \pm 0.004g$
- Power requirements: AC 100-240V, 50/60Hz
- PC communication: WiFi connection
- Dimensions: L32 x W20 x H32cm
- Weight: 12kg
- Warranty: 24 Months



Professional Technology

1. Precision flow sensor, a wide range of Wool Fineness measurements, reaching 12 to 50um, which is the widest range of instruments test Wool Fineness by airflow method.
2. Fast test, installed the sample, press test key, you can quickly get the result, the instrument with wifi interface, send the result to Pc to analysis of test results, print the standard test report and can also save the test report to EXCEL format.
3. Calibration is convenient, use standard Wool, through the calibration, not standard laboratory environment also can accurately test Wool Fineness value.

Testing Standards

GB/T_11603, ISO1136, BS3183, ASTM D1282 GB/T_11603

Test Principle

Airflow method testing Wool Fineness, exert a certain pressure of air in the Wool sample, because of the fineness of the Wool, through the air flow is different, by measuring the air flow also associated with the Wool Fineness test.

Application

Wool purchase inspection, wool production and trade.

AdLab Instruments Co., Ltd

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Configuration

Standard configuration: Mainbody

Optional accessories: 1.LABTest analysis software.
2.WOOLLAB standard wool.

Test Report

The test results data can send to PC by USB cable and saved as Excel format, concise and practical, to make the perfect test report.

	A	B	C	D	E	F	G	H	I	J
1										
2										
3	Wool fineness Test Report									
4										
5	Test ORG	AdLab Laboratory				Instrument	ADL-WFT01			
6	Test time	2012-12-22				Operator	Edwin Zhang			
7	Temperature	20℃				Humidity	65%			
8	Client	Intertek Laboratory								
9	Sample	Wool from Intertek Laboratory								
10	Remark	USDA Standard Wool Specifications								
11										
12	Test Data									
13		NO.	Test time	Result(um)	Grades	Specifications				
14		1	11:19	23.6	60	Medium 1/2Blood				
15		2	11:22	23.8	60	Medium 1/2Blood				
16		3	11:26	23.7	60	Medium 1/2Blood				

**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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At AdLab, we combine expertise in precision engineering with advanced laboratory technology to create innovative and reliable testing instruments. Our team of skilled professionals continuously works on improving product designs, integrating the latest advancements in technology, and ensuring compliance with international quality standards. With a strong focus on research and development, we provide customized solutions that cater to the unique needs of our customers worldwide.

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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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