



## Cotton Micronaire Tester Model: ADL-MT01

### Product Description

ADL-MT01 using Airflow method test the cotton micronaire 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 USB port, and print out the perfect test report.

### Technical Specifications

- Measuring range: 2.0 to 7.5 micronaire
- Measuring accuracy: 0.03 micronaire (standard lab environment)
- Test time: 15 seconds on average
- Sample mass:  $5 \pm 0.1g$
- Power: AC 100-240V, 50/60Hz
- PC communication: USB port connection
- Dimensions: L520 x W280 x H300mm
- Weight: 10kg
- Warranty: 24 Months



### Professional Technology

1. Precision flow sensor, a wide range of micronaire measurements, reaching 2.0 to 7.5 micronaire, which is the widest range of instruments test micronaire by Airflow method.
2. Fast test, installed the sample, press test key, you can quickly get the result, the instrument with a USB 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 cotton, through the calibration, not standard laboratory environment also can accurately test micronaire value.

### Testing Standards

GB1103-2007, ASTM D1448, BS 3181, ISO 2403

### Test Principle

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

### Application

Cotton cultivation, the acquisition of cotton, cotton spinning and cotton inspection. Configuration.

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### Configuration

Standard configuration: Mainbody

Optional accessories: 1.LABTest analysis software.  
2.Standard calibration cotton.

### 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	<b>Micronaire Test</b>									
4										
5	Test ORG	AdLab Laboratory				Instrument	AdLab-MT01			
6	Test time	2012-12-20				Operator	Edwin Zhang			
7	Temperature	20°C				Humidity	65%			
8	Client	Intertek Laboratory								
9	Sample	the cotton for Intertek Laboratory								
10	Remark	The Grade by Iso standard, The leve by GB standard								
11										
12	<b>Test Data</b>									
13		NO.	Test time	Result	Grade	Level				
14		1	10:12	3.55	B	B1				
15		2	10:16	3.52	B	B1				
16		3	10:22	3.53	B	B1				

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

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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.

## Our Products

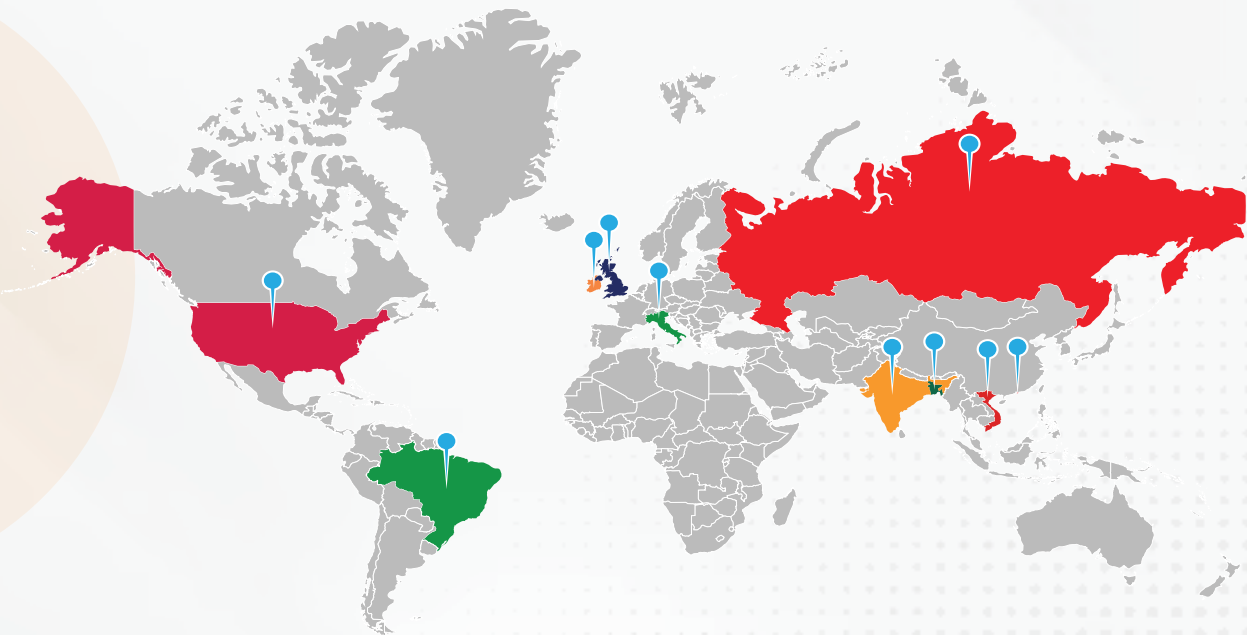
AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers, 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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