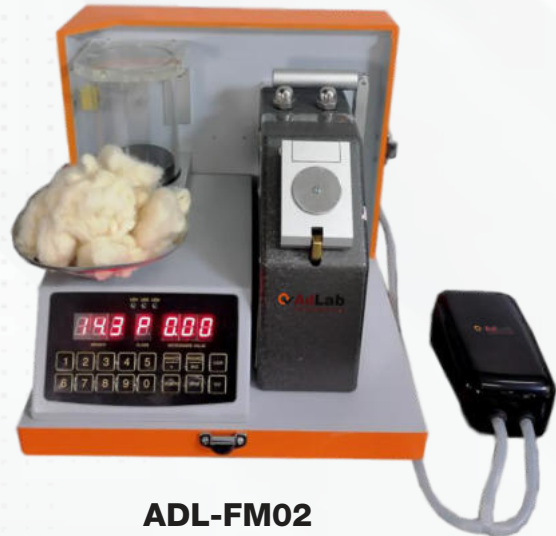


Cotton Fineness Meter Model: ADL-FM01/FM02



ADL-FM01



ADL-FM02

Application

Cotton Fineness Meter/Micronaire Tester, it is used to determine cotton fiber's micronaire value. Using the balance weigh out a test specimen of mass appropriate to the airflow instrument (8g); pack the test specimen evenly into the compression cylinder then put the compression plunger in position. Using the air pump or other suitable means cause air to flow through the specimen at pressure appropriate to air flow instrument and note the reading on the scale.

Related Standards

STANDARDS

ISO 2403

ASTM D1448

GB/T 1103, 6498

Note: this tester can conform to but not limit to the standards above, for more standards conformance, please contact us.

Features ADL-FM01

- Low noise air pump;
- Indicator can regulate scale and display test value;
- Ease to operate and read test result;
- High accuracy;
- Collection weighing, test integration;

Features ADL-FM02

- Display micronaire value and grade directly by LED displayer, or display micronaire value, grade count (m/g) and test time by PC displayer if on-line operated;
- High precision test result better than all similar instruments, up to 0.05 micronaire value;
- Weight auto correction function, widen sampling range from 7.51 to 8.50g, let test result much faster and result more accurate;
- All in all, test one specimen only need several second;
- Equipped with high quality air pump, provide constant pressure air current;
- Adopt PC on-line technology, data can be processed by software, and easy to calibrate micronaire value, operate easy, carry on a test with fast speed;
- With data storage, inquire, classification, statistical, and print function by software;

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Cotton Fineness Meter

Model: ADL-FM01/FM02

Key Specification

Model	ADL-FM01	ADL-FM02
Display mode	Dial	Digital
Range	2.5~6.5 micronaire value	2.5~6.5 (standard mode) 2.9~6.5 (with weight correction)
Accuracy	0.1 micronaire value	0.05 micronaire value
Weighing accuracy	±0.016g	±0.01g
Rectangle weight	8g	
Power supply	AC220V, 50Hz	
Dimensions	360*300*300mm (L*W*H)	
Net weight	10kg	

Standard Configuration

No	Item	Quantity
1.	Main machine	1 set
2.	Air pump	1 set
3.	Scale pan	1 pc
4.	Rectangle weight (8g)	1 pc
5.	Standard cotton	3 pcs

Optional Accessories

- PC and software (for ADL-FMT02 only)
- Standard cotton

**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.

Our Skill

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

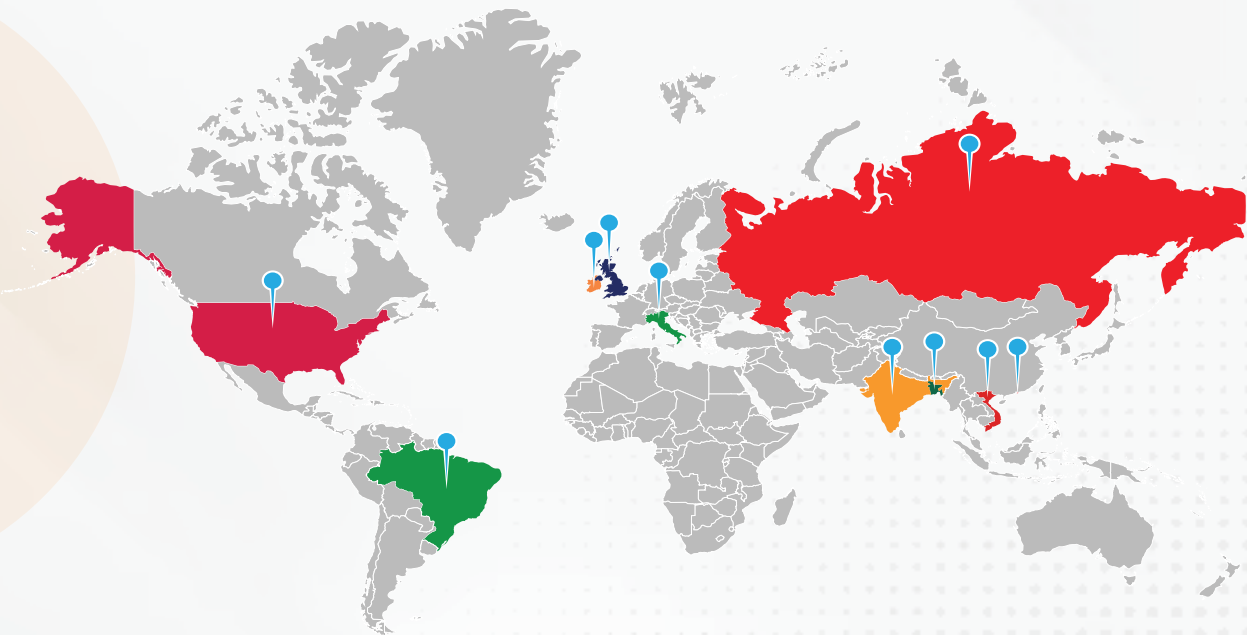
AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers,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

Our Services

At AdLab, customer satisfaction is our top priority. We provide comprehensive support services to ensure the smooth operation of our equipment, including:

- ✓ 24/7 Technical Support Team – Our highly trained technical support team is available around the clock to assist with troubleshooting, maintenance, and operational guidance. Whether you need immediate assistance or expert advice, we are always ready to help.
- ✓ 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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