



Yarn Friction Tester Model: ADL-YFT01



Application

It is suitable for measuring the static friction coefficient and kinetic friction coefficient of filament yarn with different solid materials. Computer automatically calculate the friction coefficient with input tension and output tension value by using formula.

Features

- Computer control and automatic data processing.
- Test the tension with high precision.
- Display input tension, output tension and friction coefficient on computer.
- Possible to determine different kinds of filament yarn.
- Adjustable winding angle.

Standard

ASTM D 3108-2013, T/CNTAC 4-2017


Key Technical Parameters

- Test tension : 0~500cN
- Tension accuracy : $\pm 1\%$
- Friction coefficient : $0 < \mu < 1$
- Friction angle : 0~360°
- Pretension : 0~24cN
- Yarn test speed : 100m/min
- Power : 300W
- Power supply : 220V 50Hz
- Dimensions : 600x350x450mm (LxWxH)
- Weight : 35kg

**Technical Data Subject to change without notice.*

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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.

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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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