



Universal Tensile Tester Model: ADL-UT250

The Fabric Tensile Tester is AC servo-driven. It has ball screws to provide a stable pulling force. This setup leads to higher testing accuracy. The fabric tensile tester machine's software is compatible and powerful. It outputs many test indexes, such as displacement, greatest force, elongation, and stress. It also has many safety features to protect the instrument and the operator. It is a tensile machine. Engineers created the tensile tester for textiles, leather, and footwear.

It can perform tension, compression, bending, tearing, shearing, peeling, and top-breaking tests. It applies to many international standards. These include ISO 9073-3, ISO13934-1/2, ASTM D5034, ASTM D5035, ISO 3377-2, ISO 13937-3, FZ/T 01030, GB/T 19976, and more.

Applicable up to a series of tensile testing standards:

Tensile Tester Machine applies to many standards and optional standards such as ISO 3377-2, ISO 13934-1/2, ISO 13937-2/3, ISO 20932-1, ASTM D5034, ASTM D5035, ASTM D5587, GB/T3917.2, FZ/T 01030, ISO 9073-4, ISO13934-1/2, ISO 9073-3, ISO 13937-2/3, ISO 4674-1, GB/T 3917.4, GB/T 3923.1, ISO 2062, ASTM D6797, GB/T 19976.

Main Technical Parameters

The Specification Fabric Tensile Tester

Test capacity 200kg (500kg is optional and the appearance will change)

Test level class 1

Max travel 850 mm (without fixture)

Travel accuracy $\leq 1\%$

Traverse speed 1mm/min ~ 500mm/min

Speed accuracy $\leq 1\%$

Test force range 0.2%~100% FS

Force accuracy $\leq 1\%$

Power 220 /110V 50Hz/60Hz

Weight 70kg

Dimension 50*50*120CM (D*W*H)

Software configuration (standard) version A of the test system, with a single-step test

Software configuration (optional) version C of the testing system can achieve multi-step test

**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.

Global Networks



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