



Automatic Lea Strength Tester Model: ADL-YS10KN

Features

- Determine the peak breaking force and elongation of yarn in skein form (Lea) having 1.5 yards girth or 1 meter
- Rugged Floor model with double column mechanism; ergonomically design.
- Operating under standard CRE (Constant Rate of Extension) principle.
- Parameter settings through navigation keyboard.
- Frequency Drive based drive unit with positive gearing mechanism for trouble- free operation.
- Automatic and quick returning of lower jaw to home position after completion of each test.
- Built-in self-diagnostic test facility.
- Lea strength: Selectable force unit: lbf, Kgf and Nf; selectable elongation unit: mm, inch and percentage.

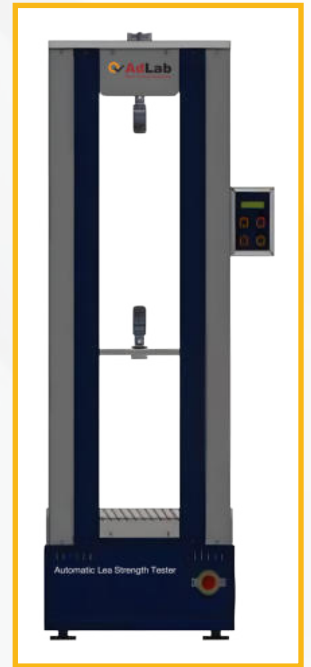
RS 232 Port for computer connectivity.

Spin Q Contains a) CSP Analysis including separate count & Strength statistical and graphical format.

Search and Report option: Date wise / Month wise/ Count

Wise / Lot wise / Shift wise and Consolidated.

Printing option: Vertical and Horizontal format



Technical Data

- Capacity : 500 Kg
- Rate of Extension : 50 to 500 mm / minute (Variable)
- Accuracy : ± 0.1 lbf / ± 0.05 kgf / 0.5 Nf
- Software features : Front-end language : English; Windows XP/Window 7 / Vista compatible; Individual Group Results analysis; Graphical representation; Bi-directional Communication
- Graphical results : Trend chart, Histogram and Control chart
- Power supply : Single phase 220vAC @50Hz; Consumption: 300 watts
- Applicable Standard(s) : ASTM D1578 & IS 1671
- Size (WxDxH) : 800 x 400 x 2000 mm
- Weight : 195 kg (Appx)

Scope of Supply

- Main Unit – 1 No.
- Documents: User's guide, Warranty certificate, Test certificate & Calibration certificate
- Accessories: Load Cell 500 kg 1 No
- Lea skein clamp top and bottom-Each 1 no
- Software cd – 1 No
- Communication cable – 1 No

**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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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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