



## Electronic Lea Strength Tester Model: ADL-YS5Kn

### Features

- Determine the peak breaking force and Elongation of yarn in skein form (Lea)
- Ergonomically designed table top model having rugged steel body construction.
- Operating under standard CRE (Constant Rate of Extension) principle.
- State-of-art microcomputer controlled solid-state Control circuitry with User friendly Menu.
- Driven operating system and alphanumeric LCD display screen.
- Maintenance-free inline drive system for quiet and trouble-free operation.
- Proven clutch driven tongue follower traverse Mechanism for easy sample handling and Testing operation.
- Computer connectivity port for data transfer and presentation.
- Selectable force unit: Lbf, Kgf and Nf;
- Selectable elongation unit: mm, inch and Percentage.



### Technical Data

- Capacity : 600 lbf / 272 kgf / 2500 Nf
- Accuracy :  $\pm 0.1$  lbf /  $\pm 0.05$  kgf / 0.5 Nf
- Rate of Extension :  $300 \pm 10$  mm / min ( $12 \pm 0.4$  in. / min)
- Control system : Detachable microcomputer based solid-state electronic control system
- Drive System : Integrated, inline induction motor and directly coupled gearing mechanism
- Display : Alphanumeric back-lighted LCD display
- Drive System : Integrated, inline induction motor and directly coupled gearing mechanism
- Computer Interface : Serial communication port 'RS - 232' (Comport)
- Power supply : Single phase 220vAC @ 50Hz; Consumption: 300 watts
- Applicable Standard(s) : ASTM D1578 & IS 1671
- Physical Dimensions : Size (WDH): 460 x 220 x 110 mm, Weight: 60 kg

### Scope of Supply

- Main unit: 1No, Power cable – 1 No
- Accessories: clutch plate 2 No's
- Documents: User guide, warranty certificate, Test certificate and calibration certificate.

*\*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.

## 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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