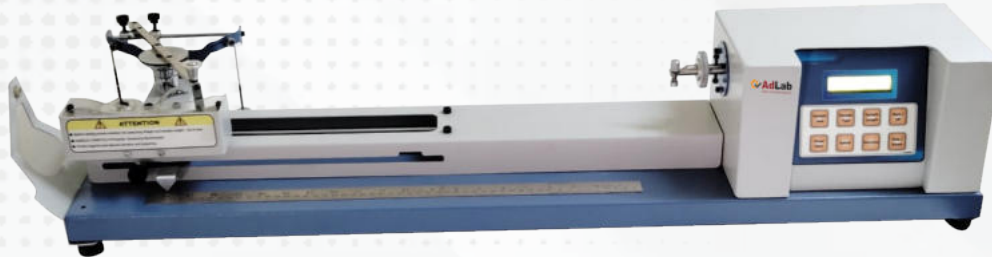




Electronic Twist Tester Model: ADL-YT50C

Application

Electronic Yarn Twist Tester is used to determine yarn twist in single or plied yarns, quadrant type with auto stop & reverse for conventional or untwist/re-twist methods. Test length adjustable up to 50cm/20 inches for S & Z twist yarns



Features

- Determine the twist of single or twisted (Single & multiple) and OE yarns.
- Three methods available to be selected by the operator: Traditional “untwist/ retwist method for single yarns.
- “Schutz” method (untwist, retwist and double countercheck) for OE yarns, worsted and slippery yarns.
- Direct “untwist” method for plied yarns, threads and multifilament yarns.
- Direct TPI, TPM and TM results in digital display.
- Silent and integrated motor operation with auto-stop and counting control system for precise measurement.

Technical Data

- Gauge Length : 1 to 20 inch (1 to 50 cm)
- Counting system : Direct result; In-built calculations; Readout in dot-matrix display
- Control system : Microcomputer based pre-selectable / pre-programmable solid-state circuitry User-friendly menus with membrane keypad assembly.
- Programmable Parameters : Measurement unit, Sample length & type, Twist direction and Speed index
- Tensioning range : 1 to 90 grams (By calibrated augment weights)
- Elongation setting Range : 1 to 90 g
- Power supply : Single phase 220vAC @ 50Hz; Consumption: 100 watts
- Applicable standard(s) : ASTM D1422 / D1423 and IS 832
- Physical Dimensions : Size (WDH) : 1000 × 300 × 200 mm, Weight: 12 Kg

Scope of Supply

- Main unit- 1 No
- Accessories: Yarn stand - 1 No., Mains cord - 1 No., Tensioning weight box – 1-2 Nos. Hand Scissor - 1 No. and Yarn split needle - 1 -2 Nos.,
- Documents: User’s guide, Warranty certificate, Test certificate & Calibration certificate
- Spares: Glass fuse (1A) - 3 No, Yarn gripper washer - 4 Nos. Yarn gripper spring -1 no Tensioner weight thread - 1 meter

**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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- ✓ Calibration & Maintenance – Regular calibration and maintenance services ensure that your laboratory instruments remain accurate and in optimal working condition.
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