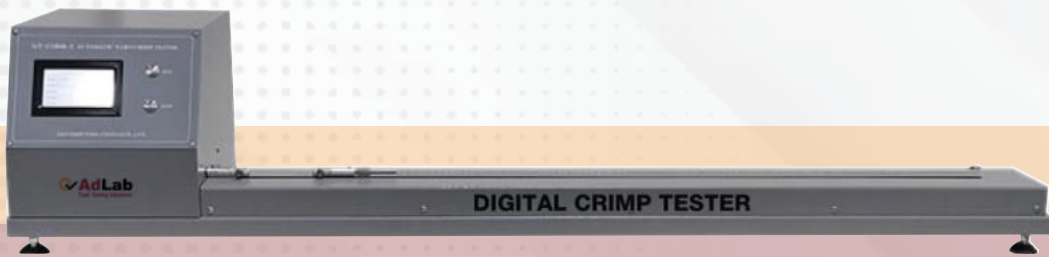




Automatic Yarn Crimp Tester Model: ADL-CT02



Application

Crimp Tester, to calculate the crimp in yarn affected by knitting or weaving by taking apart the yarn from a piece of given-length fabric, unbending it under given force and measuring its length, to determine actual yarn usage.

Features

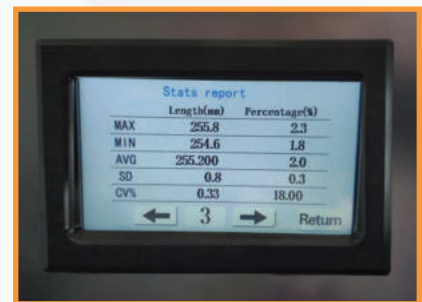
- Controlling by a colored touch screen
- The right fixture can extend automatically with adjustable tensile speed.
- Real time displays the value of force and elongation, testing curve can be shown as well.
- Equip with a high precision load cell.
- Color touch screen display and operation, easy to operate



Testing Interface



Test Report Interface



Statistics Interface

- Automatic stretching of right yarn clamp, stretching speed can be adjusted;



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- Automatic positioning of initial length, automatic extended length measurement.
- High precision tension sensor, fast response speed, high measurement accuracy.
- Precision stepper motor drive, imported synchronous belt, precision linear slider drive.

Standards

EN14970, ASTM D 3883, ISO7211-3, AFNOR G 07-104, AFNOR G 07-101, NF G07-104, GB/T 29256.3-2012, GB/T 29256.5-2012, FZ/T01091, FZ/T01093, BS 5441

Application

- Tension range and resolution 0~200cN, 0.01cN
- Tension accuracy $\pm 0.5\%FS$
- Test speed 2~100mm/min, settable
- Return speed 2~100mm/min, settable
- Initial length 10~1000mm, settable
- Display Color touch screen display
- Power supply AC220V, 50Hz, 100W
- Dimensions 1,510×260×330mm (L×W×H)
- Net weight 35kg

Standard Configuration

No.	Item	Quantity
1.	Main machine	1 set

Optional Accessories

No.	Item
1.	Printer

**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.

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- ✓ 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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AdLab Instruments Co., Ltd

★ RM 602, 6/F, Kaiyue Comm Building, No.2C, Argyle Street, Mongkok Kowloon, Hong Kong

🇮🇪 20A Cuil Na Carriage, Ballymakeera, Co-Cork, Ireland (EU)

✉ info@adlabinstruments.com 🌐 www.adlabinstruments.com