

**Scorch and Sublimation Tester
Model: ADL-ST01/ADL-ST03**



ADL-ST01



ADL-ST03

Test Scope

Scorch and Sublimation Tester are used to determine the color fastness to hot pressing and dry heat and also to conduct sublimation tests. Providing controlled conditions of dry heat and pressure with top and bottom heated surfaces, advanced temperature controller and carefully controlled top plate weight.

Related Standards

Scorch/Sublimation Fastness Test by Standards

AATCC 92 AATCC 114 AATCC 117 AATCC 133 ISO 105-X11 GB/T5718 GB/T6152 M&S P10 X11&P01
DIN54022 DIN54060 L0854 L0850 L0870 BS1006 PO1&X11

Features

- Industrial color touch screen is used for display and operation control.
- Friendly man-machine interface is simple and easy to use, stable and reliable operation;
- Chinese and English can be switched manually.
- Advanced temperature control technology makes the heating block have good temperature uniformity.
- The heat insulation body around the heating block has good heat insulation.

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Scorch and Sublimation Tester

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Key Specification

- No. of working position 1 working position for ADL-ST01
3 working positions for ADL-ST03
- Heating block size 125mm X 125mm
- Heating mode Scorch: single side heating
Sublimation: dual sides heating
- Test pressure 4kPa±1kPa
- Temperature range RT~250°C
- Temperature accuracy ≤ ±2°C
- Time range 1~999s
- Display Color touch screen
- Power supply AC220V, 50Hz

Standard Configuration

No.	Item	ADL-ST01	ADL-ST03
1	Main machine	1 set	1 set
2	Asbestos sheet	2 pcs	6 pcs

Optional Configuration

1. Gray scale for evaluating change in color
2. Gray scale for evaluating staining

**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.

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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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