

Scorch/Sublimation Tester

The newly upgraded SDL Atlas Scorch/Sublimation Tester is specifically designed to evaluate the performance of fabrics under heat and pressure, enabling precise testing of their ironing color fastness, dimensional stability under dry heat conditions, and sublimation fastness.

A unique feature is its specially engineered lower hotplate system. Rather than depending on the upper plate's weight for accuracy across different test methods, pressure is applied via a precision load cell beneath the lower hotplate. This design ensures pressure can be precisely adjusted to meet specific test standards, all easily controlled through the intuitive touch screen interface. It also enables a single instrument to perform both large plate and small plate tests with ease.



Key Features

Safe and Accurate

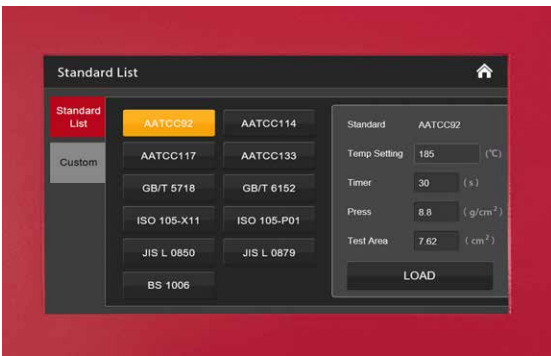
- Adopts a new type of pressure equalization heating system to ensure that the force on the sample surface is uniform and the test results are highly consistent.
- High-efficiency heat insulation shell effectively isolates the high temperature of the heating plate, fundamentally eliminating the risk of burns and ensuring the safety of operators.

Flexible Configuration

- Standard large-size heating plate (131x127 mm) meets most testing requirements.
- Small-size heating plate (30x101 mm) can be flexibly selected according to customer requirements to achieve multi-purpose use and respond to special test samples.

Range of Standards

- Built-in well known international and domestic testing standards and custom programs.
- Supports multi-language switching, providing a barrier-free operating environment for laboratories around the world.



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Precise and Reliable

- Upgraded temperature control and timing systems provide higher testing accuracy and more precise time control, ensuring that every test is reliable.

Intelligent Interaction

- The newly upgraded integrated touch screen user interface puts all controls at your fingertips.
- Set test temperature, time and other parameters quickly and intuitively, greatly improving operational efficiency and experience.

Standards

- Fully compliant with AATCC 92/114 (Test method for tensile and strength loss caused by residual chlorine)
- Fully compliant with BS1006 UK-LA (Standard for testing the color fastness stability of leather)

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|--------------|------------|------------|------------|
| AATCC 92 | AATCC 114 | AATCC 117 | AATCC133 |
| BS 1006UK-LA | GB/T5718 | GB/T 6152 | ISO105-P01 |
| ISO 105-X11 | JIS L 0850 | JIS L 0879 | |



Large-size heating plate



Small-size heating plate

Providing confidence in standard based testing
through expertise and global partnering