



Drying Rate Tester Model: ADL-DRT01

Product Description

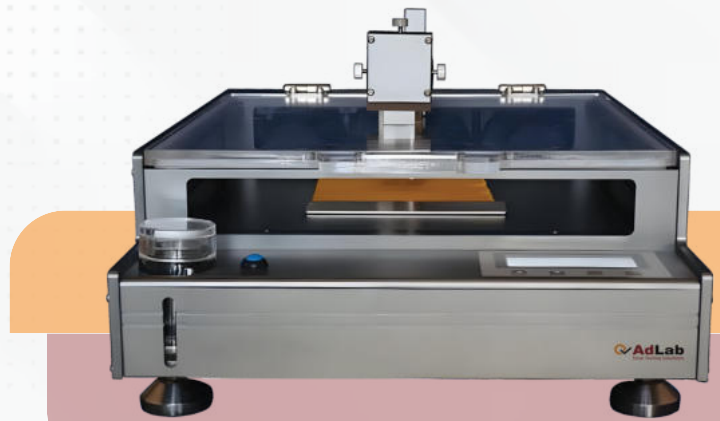
ADL-DRT01 drying rate tester, it is compliance with American AATCC201 test standard design to automatic test the fabric drying rate instrument.

Using high-precision temperature sensor, air speed sensor, and automatically drop device test fabric drying time and drying rate.

The instrument built-in control panel and display screen, can complete all the test in without connecting to a computer, can also be through the WiFi connect computer for data transmission, data is displayed in the form of curves and graphs, convenient for the user to analyze and print. Instrument shell made by thick aluminum alloy plate, durable and never rust.

Technical Specifications

- Hotplate size: 305mmX305mm
- Sample Holder: 150mm×40mm×2mm
- Hotplate temperature: 37 ± 0.1 °C
- Temperature display: 0.01 °C
- Air Speed: $1.5\text{m/s} \pm 0.1\text{m/s}$
- IR thermocouple: $15\sim 50^{\circ}\text{C} \pm 0.1$ °C
- Sample thickness: 0~10mm
- Water Dripping: $0.2\text{ml} \pm 0.001\text{mL}$
- Data Transfer: WiFi
- POWER: AC220V±10%,100W or AC110V±10%,100W
- Dimension: 52(L)×40(W)×26(H)cm
- Weight: 30kg



Testing Standards

AATCC201

Test Principle

Instrument to simulate human body sweating, sweat in drying process on the fabric, fabric placed above the hotplate, drip 0.2 ml of water in the middle of the heating plate, use 1.5 m/s air to dry the sample, and the infrared temperature sensor test fabric temperature changes, when fabric dry end, test the drying time get drying speed.

Application

The sportswear fabric testing, underwear apparel fabrics testing and research

Configuration

Drying Rate Tester Main Machine, DRTest PC software, Sample Holder

**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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