

# EY62 Drying Rate Tester

## 1.1 Product Descript

EY62 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.

## 1.2 Technical Specifications

- Hotplate size: 305mmX305mm
- Sample Holder: 150mmx40mmx2mm
- Hotplate temperature:  $37 \pm 0.1$  °C
- Temperature display: 0.01 °C
- Air Speed :1.5m/s  $\pm$  0.1m/s
- IR thermocouple: 15~50°C  $\pm$  0.1 °C
- Sample thickness: 0~10mm
- Water Dripping: 0.2ml  $\pm$  0.001mL
- Data Transfer: WiFi
- POWER:AC220V $\pm$ 10%,100W or  
AC110V $\pm$ 10%,100W
- Dimension: 52(L)x40(W)x26(H)cm
- Weight:30kg



## 1.3 Testing standards

AATCC201

## 1.4 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.

## 1.5 Application

The sportswear fabric testing, underwear apparel fabrics testing and research

## 1.6 Configuration

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