

Product Information

HTF-036 Drying Rate Tester-Heated Plate Method AATCC 201

Use:

Drying Rate Tester-Heated Plate Method, a fully automated testing machine, is based on the requirement of US AATCC201 testing standard, specially developed an automatic fabric drying rate tester.

Test Scope: All types of fabrics, including knits, wovens and non-wovens, as well as fabrics taken from end product items.

Standards:**AATCC201**

Heated Plate AATCC201 AC 230V Drying Rate Tester

Drying Rate Tester, equipped with high precision hot-wire anemometer, IR thermocouple, PT100 temperature sensor, precision water dripping system, precision air flow control system and the air flow funnel designed based on the Fluid Dynamics Theory, together with PC software, automatically finishes a series of jobs, such as the dry time and dry rate tests, and data analysis. It greatly improves the working efficiency and the measurement accuracy, significantly reduces the difference and mistakes which may be introduced by operators.

Specification:

Fan Box: Generate 1.5m/s air flow

Heated Plate: 305mm × 305mm ± 1mm

Flexible Heater: 305mm × 305mm ± 1mm

Insulation Cork Liner: 305mm × 305mm ± 1mm

Sample Holder (metal bar): 150mm × 40mm × 2mm ± 1mm

Heated Plate Temperature: 37 ± 0.5 °C (with over heat protection)

Air Velocity: 0.5-4.5m/s ± 0.1m/s

IR thermocouple: 15-50°C ± 0.1 °C

Water Dripping Range and Accuracy: 0.05-4.5ml ± 0.0025ml

Data Transfer: USB cable

Test Interface: Curves and tables

Test Report: Automatic saved and easy print

Power: AC 230V, 50Hz/60Hz

Dimension: 500(L) × 500(W) × 300(H)mm

Weight: Approximate 45kg