

Water Evaporation Rate Tester



Model: SR-375-MB290A

Any interests, pls contact Tracy as following Online contact way, easy and fast!

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Summary:

With the improvement of living standard, consumers pay attention to the comfort and health of clothes while pursuing clothing covering the body and being practical. For underwear and other undergarments, the hygroscopicity and perspiration of fiber material is one of the important factors affecting the wearing comfort of clothing. Therefore, the research on hygroscopicity of fabric is gradually becoming a focus at home and abroad.

Modern consumers' interest in clothing lies not only in its gorgeous appearance, but also in its comfortable feeling. Comfort is the basic requirement of consumers; The widely accepted definition of comfort includes the following aspects:

- (1) Thermal and humid physiological comfort;
- (2) Sports comfort;
- (3) Sensory comfort;
- (4) aesthetics of clothing;

Through the capillary phenomenon generated by the micro – groove on the surface of the fiber, the moisture absorption fast drying functional fiber can be rapidly transferred to the surface of the fabric through the core absorption, diffusion, transmission and so on. Therefore, the research on the hygroscopicity of fast drying fiber and fabric has very important market and environmental protection significance.

By referring to the test standards of moisture absorption and rapid drying, the moisture absorption and rapid drying ability of the fabric was measured by three performance indexes, namely vertical core suction height, diffusion area and drying rate, which reflected the three processes of moisture absorption, moisture conduction and moisture loss on the fabric.

The company independently developed an instrument of test the quick drying of products, let's have a look at the introduction of this instrument.

Scope of application

It is used to test and evaluate the hygroscopicity of textiles through the rate of water evaporation.

Standard:

GB/T 21655.1 2008

Feature:

1. Imported high-precision quality weighing system is adopted, with a precision of 0.01g
2. Industrial color touch screen display control, durable, convenient and simple operation.
3. The key parts are made of aluminum to prevent deformation.
4. Using the drive motor, the whole machine rotation, up and down stable operation, low noise.
5. Real time curve display of experimental state data can better observe quality changes, and the curve of 10 stations can be displayed simultaneously.
6. The test weighing time interval can be set, and there are two termination methods: mass change rate and test time.
7. The test data is accurate, and the evaporation rate can be calculated manually or automatically, which is available for inquiry.
8. Can be connected to the computer operation, can store all the test data and curves, convenient to query and print.

Specifications :

Item	Water Evaporation Rate Tester
Model number:	SR-375-MB290A
Test stations	10
accuracy	0.001g
Test capacity	0~320g
Time interval	3-20 Min(PC software3~999min)
Total time range	3-180 Min(PC software3~999min)
Terminate mode	Quality change rate and test time
PLC controller	Touch screen setting and display
weight	75Kg
Machine size	200×670×840mm
Power	AC220V 50Hz 300W



OUR SERVICES

- **One year Warranty** including free maintenance and changing Instrument components
- We will offer operation video, English operation manual ,life-long technical assistance and video teaching
- **Future testing solutions consultation and laboratory free test**, you can send samples to us, and we can test it for you

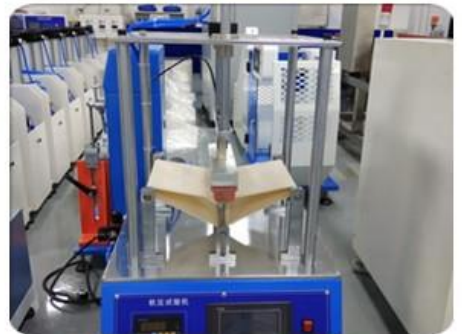


- **Unbeatable prices**, we are constantly trying to find ways to reduce our production costs and give you through price!
- Strong brand awareness, our company is gradually building our brand, for which we will seriously treat every customer, and ensure the quality of each product.
- Special Offers In order to maintain our competitive edge, **we are constantly running special offers on our promotion tester machine, consumer goods, and design services**. Contact our sales team to see how we can help you save a lot of money.



What we produce? (always accept customize)

- | | | |
|------------------------------|--------------------------|--------------------------------|
| 1. Universal tensile testers | 2. Hardness testers | 3. Environmental chambers |
| 4. Mobile/Laptop testers | 5. Paper&package testers | 6. Abrasion resistance testers |
| 7. Insertion force tester | 8. Color testers | 9. Rubber/plastic testers |
| 10. Fabric testers | 11. Wire testers | 12. Other testers |



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We have professional packaging teams and shipping forwarder to pack and deliver your products safely!

- ❖ Out packing: Standard export wooden case.
- ❖ Inner packing: With careful stretch film wrap products, hard wood board + strong bandage to fix corners.
- ❖ Checking teams: Specialized staff to inspect and classified your goods.

