

MOISTURE SPREADING

Product Information

Moisture Spreading Tester (MST) is designed to measure dynamic liquid transport properties of fabrics. The MST consists of upper and lower concentric measurement sensors. The method is to hold the specimen between the two concentric moisture sensors and introduce standard test solution to the top surface of the specimen. The electrical resistance changes between the upper and lower sensors and the rings. Then the data will be recorded dynamically by the PC software. The RF4008MST has a automatic loading device, which can apply different loading weight to the specimen. Test solution Dripping Amount can be applied accurately and in wide range. Measurement sensors can be cleaned automatically. Different thickness of specimens can be tested. Power PC software not only display test data and curves, also provide two different calculation methods for the testing result. The mostly special designs for the RF4008MST are:

1. The 48 Sector Measurement Sensors: It provides much more accurate test result than the 7-circles sensors.
2. The Measurement of Characteristic Values of Samples: Realistically reflects the absorption rate of samples. Different fabrics with same rate of moisture content shows different electric resistance. No need to use one kind of "reference fabric" to determine different fabrics moisture content. More Realistically and More Reliable.

Specification:

Measurement Sensor	48 Sectors Design, display wet area independently
Test Solution Apply	0.03-0.45ml selectable
Test Solution Applying Accuracy	±0.003ml
Loading Weight	0.5-3kg selectable
Measurement Sensors Automatic Cleaning Function	
PC Software	Automatic display test result and curves, print and save test report
Two types of test method and calculation method for reference	
Interface	USB cable

Order Information

RF4008MST Moisture Spreading Tester
 RF4008MST/1 Measurement Sensor (Upper Head)
 RF4008MST/2 Measurement Sensor (Lower Head)



RF4008MST

The RF4008MST will measure the following parameters of indexes:

- Overall Moisture Management Capacity
- Accumulative One-Way Transport Capacity
- Wetting Time for top and bottom surfaces
- Absorption Rate for top and bottom surfaces
- Max Wetted Radius for top and bottom surfaces

Test Scope

Knit and woven fabrics or quick-absorption-and-quick-drying fabrics.

Testing Standards

AATCC195, GB/T21655.2

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

MOISTURE DIFFUSION TESTER

RF4008MDT



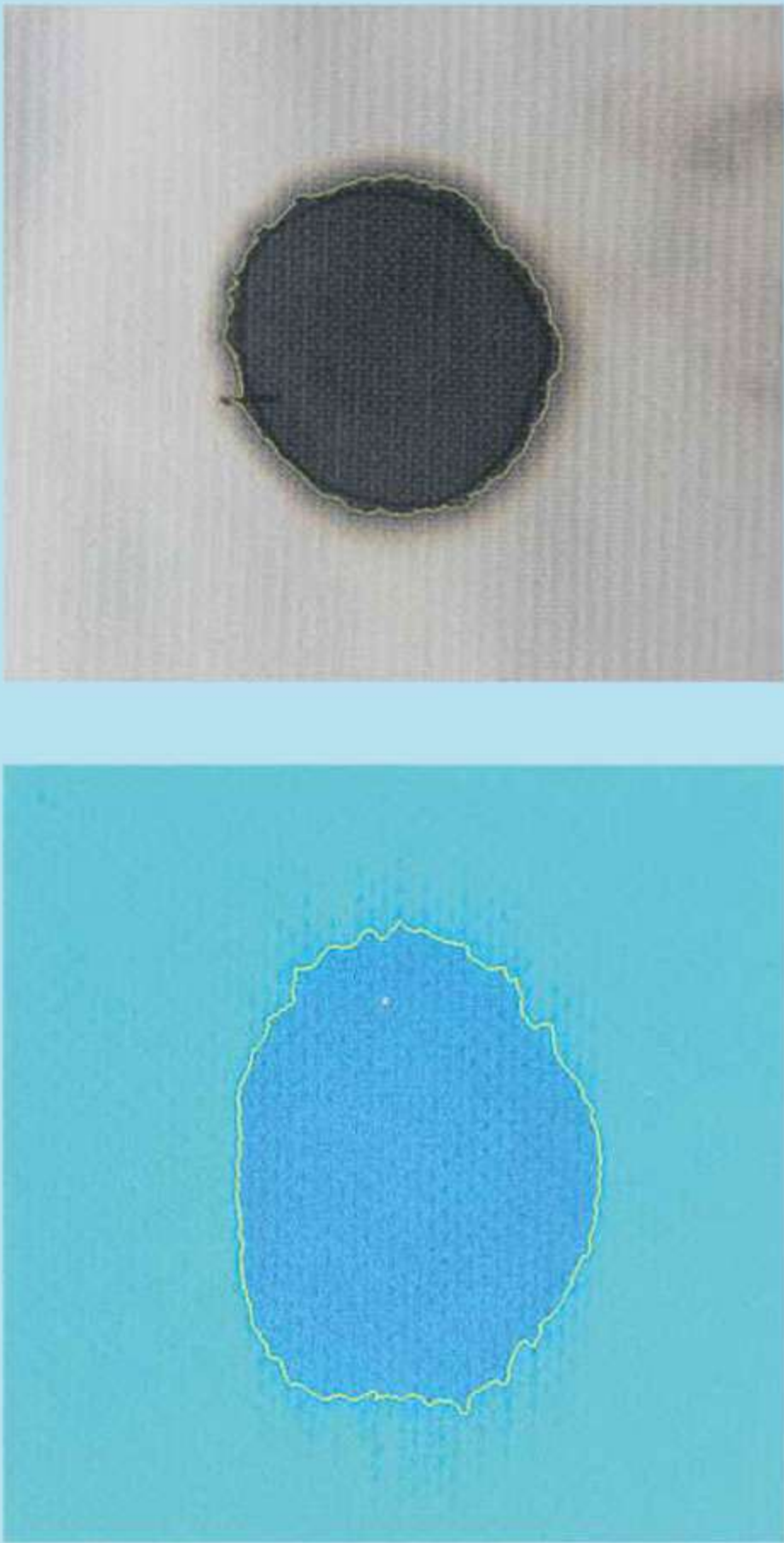
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Product Information

Moisture Diffusion Tester, measures the moisture diffusion area on top and bottom surface of the fabric by drop amount of water or ink onto the top surface of the fabric. RF4008MDT uses a precision camera , together with PC software, capture the image of the specimen and calculate the wet area quickly. PC software displays test data and specimen image.

Specification:

Speciment Size	100mm x 100mm (Max 120mm x 120mm)
Sample Template	100mm x 100mm ± 1mm
Precision Camera	
LED Illumination	
PC Software	
Data Transfer	USB Cable
Test Report	Automatic saved and easy print
Power	AC 230V, 50Hz/60Hz
Dimension	500 (Diameter) x 650 (H)mm
Weight	Approximate 30kg



Test Scope

Knit and woven fabrics or quick-absorption-and-quick-drying fabrics
enterprise Method