

Fabric Friction Static Tester for Electrostatic Measurement

The fabric friction tester assesses electrostatic characteristics of textiles. It measures a fabric's electrostatic properties after charging under controlled laboratory conditions.



Product Overview

Precision Electrostatic Measurement

This Fabric Friction Static Tester is a specialized instrument designed to evaluate the electrostatic characteristics of fabrics under controlled laboratory conditions. By utilizing a combination of a friction device and a potential measuring system, it provides accurate data on charge generation and retention. This equipment is essential for quality control and research, ensuring compliance with industry standards such as FZ/T01060 and GB/T.

Technical Parameters

Measurement Range	2 uC
Precision	0.001 uC
Input Impedance	> 10 ¹⁴ Ω

Device Dimensions

Roller Friction Machine Dimensions

590 mm

Diameter

360 mm

Depth

Static Tube Dimensions

500 mm

Diameter

1350 mm

Depth

Overall Dimensions	1200 x 600 x 1400 mm
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Power and Weight

Power Supply	AC220V 50HZ 1.5KW
Weight	65 Kg

Certifications

Compliance Standards	FZ/T01060, GB/T, CE, ISO 9001:2000
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System Components

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- Friction device
- Potential measuring device
- Faraday tube
- Electrostatic potentiometer