

Fabric Friction Electrostatic Tester

The fabric friction tester assesses electrostatic characteristics of fabric after charging under controlled conditions. It consists of a friction device and a potential measuring component for laboratory use.



Overview

Precision Electrostatic Testing

This Fabric Friction Electrostatic Tester is a specialized laboratory instrument designed to evaluate the electrostatic characteristics of fabrics. By simulating friction under controlled conditions, it measures the electrostatic charge generated, providing essential data for assessing static cling and shock potential. The system integrates a friction device with a high-precision potential measuring device to ensure reliable results compliant with industry standards.

Key Metrics

Measurement Range

2 uC

Measurement Range

0.001 uC

Precision

Technical Specifications

Power Supply	AC220V 50HZ 1.5KW
Input Impedance	> 10 Ω

Dimensions & Weight

Dimensions	1200 x 600 x 1400mm
Weight	65 Kg

Component Dimensions

Component Dimensions

Component	Diameter	Depth
Roller Friction Machine	e 59 ϕ mm	e 36 ϕ mm
Static Tube	500mm	1350mm

Compliance & Features

System Components

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

Standards Compliance

FZ / T01060, GB / T