

# Fabrics Friction Electricity Density Tester

This fabrics friction electricity density tester determines static electricity generated by fabric friction in laboratory settings. It measures the charge amount per unit area after charging a sample with a friction material and injecting it into a Faraday tube.



## Overview

### Precision Static Testing

This fabrics friction electricity density tester is designed to determine the static conditions of fabrics under laboratory conditions. By charging a sample with a predetermined friction material and measuring the potential via a Faraday tube, it accurately calculates the charge amount per unit area. This instrument is essential for quality control and research, providing highly automated and repeatable testing capabilities for anti-static clothing and textile materials.

## Technical Specifications

### Measuring Range

2  $\varnothing$

Measuring Range

Measurement Accuracy  $\pm$  (0.5% of reading + 2 digits)

Input Impedance 100000000000  $\varnothing$

## Physical Attributes

Dimensions 285 x 295 x 115 mm

Weight 3.5 kg

## Power & Operation

Power Supply AC 220V 50Hz

## Compliance & Standards

### Certifications

CE • ISO 9001:2000

Applicable Standards FZ/T01060, ZBW4008, GB 12059, GB/T12703, JIS L1094

## Key Features

### Instrument Features

- High degree of automation with programmable test duration
- Automatic test stop functionality for safe operation
- Compact, robust design for reduced operating noise
- Integrated casters and brake device for easy mobility