

# Protective Clothing Fabric Heat Resistance Tester

This instrument is designed to evaluate the thermal protection performance of fabrics used in protective clothing. It assesses the fabric's ability to resist heat and provide insulation.



## Product Overview

### Thermal Protection Performance Analysis

This specialized testing instrument is designed to evaluate the thermal resistance of fabrics used in protective clothing against molten metal hazards. By simulating extreme thermal conditions, the device measures the fabric's insulation capacity to ensure compliance with critical safety standards. The system integrates advanced temperature sensors, automated software for calculation, and precise environmental controls to provide repeatable, high-accuracy results for garment development and quality certification.

## Technical Specifications

### Power Supply

**230 VAC**

Voltage

**150 VA**

Power Consumption

### Test Standards

ISO DIS 9150

### Dimensions (W x D x H)

600 x 300 x 300 mm

### Weight

20 kg

## Operating Parameters

### Operational Details

- Target heating temperature: 600 °C
- Sample type: Protective fabric
- Sensor type: Temperature
- Pre-test adjustment: 20 °C calibration

### Certifications & Quality

CE • ISO 9001:2000