

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