

# Glow Wire Flammability Tester

The glow wire test machine assesses fire hazards according to IEC standards. It simulates thermal stress from hot components or heat sources in electronic products and household appliances.



## ADDITIONAL IMAGES



## Overview

### Precision Fire Hazard Testing

This Glow Wire Flammability Tester is engineered to assess the thermal stress and fire resistance of materials used in electrical and electronic products. By simulating the effects of heated components or overloaded resistors, it provides critical data on ignition resistance and flame propagation. The system features an integrated design with a stainless steel test chamber, ensuring durability against smoke and gas corrosion while offering precise temperature control for reliable safety compliance.

## Standards Compliance

### Supported Standards

IEC 60695-2-10, IEC 60695-2-11, IEC 60695-2-12, GB/T 5169.10, GB/T 5169.13, GB 4706.1, UL 746, IEC 829, DIN 695, VDE 0471-2

## Technical Specifications

Chamber Construction	Stainless steel with corrosion-resistant finish
Control System	SCR automatic control for precise temperature adjustment
Interface	Digital display

## Applications

### Suitable Applications

- Electronic products
- Household appliances
- Switch shells
- Relay sockets
- Non-metallic insulation materials

## Key Metrics

### Monitored Test Parameters

**1 s**

Flame Duration

**1 mm**

Flame Height

**1 bool**

Ignition Status