

# Surface Flammability Tester BS 4569/EN71

This surface flammability tester is used to examine the flammability of fabric surfaces, where the flame spreads quickly but the fabric structure remains incombustible. It is designed to assess the flammability characteristics of materials according to BS 4569 and EN71 standards.



## Product Overview

### Professional Surface Flammability Testing

The Surface Flammability Tester is a precision instrument designed to examine the superficial flame spread of fabrics where the surface fibers may ignite rapidly while the base structure remains incombustible. This equipment is essential for manufacturers and quality control labs ensuring compliance with international safety standards for textiles and toys. It provides a controlled environment to measure flame behavior with high accuracy and repeatability.

## Standards & Compliance

Testing Standards	BS 4569, EN71
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## Performance Metrics

### Nozzle Movement

**150 mm/s**  
Movement Speed

**300 mm**  
Travel Distance

## Technical Specifications

Nozzle Speed Accuracy	±5 millimeter/seconds (bidirectional)
Fabric Plush Altitude Range	70 mm
Flame Altitude Range	0-60mm (continuously adjustable)

## Physical Dimensions

Equipment Dimensions	600mm x 400mm x 370mm
Net Weight	20 kg

## Power Requirements

Input Voltage	AC 220V ±10%
Frequency	50 Hz
Power Consumption	50 W