

Surface Burning Tester for Textiles

This instrument is designed to assess the burning characteristics of materials. It provides a standardized method for evaluating the surface flammability of textiles.



Product Overview

Precision Textile Flammability Analysis

The Surface Burning Tester provides a highly controlled environment for assessing the burning performance of textile fabrics. Designed for consistent, repeatable results, this instrument features automated timing and positioning to ensure adherence to international test standards. It serves as an essential tool for quality control labs and R&D departments requiring precise measurements of surface flame spread.

Standards & Compliance

Certified Standards: GB/T 8745-2001, ISO 10047:1993

Technical Metrics

Operational Metrics

99.99 s

Max Ignition Time

40 mm

Flame Height

15 mm

Ignition Gap

Technical Specifications

Instrument Specifications

Parameter	Specification
Sample Size	150mm x 75mm
Frame Marking Line	75mm below ignition point
Gas Source	Industrial Butane, Propane, or Mixture
Timing System	Digital Automatic Recording

Key Features

- Electric wire ignition
- Automatic burner positioning
- Automatic flame spread timing
- Digital display for test results