

Vertical Fabric Flammability Tester

This instrument assesses the combustion performance of materials. It installs finished product samples to evaluate burning time and rate.



Product Overview

Professional Vertical Flammability Testing

This Vertical Fabric Flammability Tester is a high-precision instrument designed to evaluate the flame spread and ignition ease of various textile materials. It is suitable for a wide range of applications, including single-layer fabrics, multi-component laminates, and heavy-duty textiles like tent curtains. By providing controlled flame application and precise timing, it allows laboratories to accurately assess combustion performance and safety compliance.

Key Performance Metrics

Performance Highlights

99.99 s

Ignition Time Range

999.9 s

Combustion Timing

45 kg

Net Weight

Technical Specifications

Test Flame Height

- 20 mm
- 40 mm

Fire Mouth Angle

Adjustable (0°, 30°, 90° from horizontal)

U-shaped Clamp Frame

80 mm x 600 mm

Combustion Gas

Butane gas

Compliance & Standards

Testing Standards

BS EN ISO 6940, EN ISO 6941, GB/T 5456, GB/T 8745, GB/T 8746

Physical & Power

Dimensions (WxDxH)

80 x 55 x 66 cm

Power Supply

1.AC 220V 50Hz

Application Scope

Suitable Materials

- Single component textiles
- Multi-component (coating, quilting, multilayer)
- Laminated products
- Tent curtains and door covers
- Surface-hair fabrics (terry, tufted, raising)