

# 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

<b>99.99 s</b> Ignition Time Range	<b>999.9 s</b> Combustion Timing	<b>45 kg</b> Net Weight
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## Technical Specifications

### Test Flame Height

- 20 mm
- 40 mm

Fire Mouth Angle	Adjustable (0°, 30°, 90° from horizontal)
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U-shaped Clamp Frame	80 mm x 600 mm
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Combustion Gas	Butane gas
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## Compliance & Standards

Testing Standards	BS EN ISO 6940, EN ISO 6941, GB/T 5456, GB/T 8745, GB/T 8746
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## Physical & Power

Dimensions (WxDxH)	80 x 55 x 66 cm
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Power Supply	1.AC 220V 50Hz
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## 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)