

# Multifunctional Fabric Flame Retardancy Tester

This multifunctional tester determines the flame, smoldering, and carbonization tendencies of textiles. It is suitable for flame-retardant woven fabrics, knitted fabrics, coated products, and quilted products.



## Overview

### Precision Flame Retardancy Testing

This multifunctional tester is engineered to determine the flame, smoldering, and carbonization tendencies of various textile materials. It provides a controlled, standardized environment suitable for testing woven fabrics, knitted fabrics, coated products, and quilted materials. With its robust stainless steel construction and adjustable testing parameters, it is an essential tool for quality control and research in textile science.

## Technical Specifications

Timing Range	999.9 s
Timing Accuracy	0.1 s
Power Supply	AC220V ± 10% 50Hz
Power Consumption	40 W
Net Weight	40 Kg

## Dimensions

Outer Box Dimensions	650mm × 650mm × 860mm
Inner Box Dimensions	600mm × 640mm × 740mm

## Testing Capabilities

### Supported Test Methods

- Vertical Method
- Horizontal Method
- 45° A Method
- 45° Appendix A Method
- Small 45° Method
- Quilted Products Test

## Compliance & Standards

Compliant Standards	GB/T5455, FZ/01028, GB/T14645, GB/T14644, FZ/T81005
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## Features

### Instrument Features

- Stainless steel test box with glass observation window
- Adjustable flame height via rotor flowmeter
- Interchangeable sample holders
- Integrated high-temperature fire protection tube
- Dedicated air supply system with conversion connector