

Fabric Flame Retardant Tester

This fabric flame retardant performance tester is used to determine the textile flame, smoldering, and carbonization tendencies. It is suitable for flame-retardant woven fabrics, knitted fabrics, coated products, and quilted products.



Overview

Precision Flame Resistance Testing

This multi-functional tester is designed to determine the flame, smoldering, and carbonization tendencies of various textiles. 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 precise timing capabilities, it ensures accurate and repeatable results for quality control and safety compliance.

Technical Specifications

| | |
|-------------------|-----------------------|
| Timing Range | 999.9 s |
| Timing Accuracy | 0.1 s |
| Power Supply | AC220V \pm 10% 50Hz |
| Power Consumption | 40 W |
| Net Weight | 40 Kg |

Dimensions

Dimensions

650 mm

Outer Box Width

650 mm

Outer Box Depth

860 mm

Outer Box Height

Capabilities

Supported Test Methods

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

Compliance

| | |
|---------------------|---|
| Standards Compliant | GB/T5455, FZ/01028, GB/T14645, GB/T14644, FZ/T81005 |
|---------------------|---|

Construction

Key Design Features

- Stainless steel test box with surface drawing
- Glass observation window
- Stainless steel support and specimen frames
- Adjustable flame height via rotor flowmeter
- High-temperature fire protection tube inside box