

45 Degree Flammability Tester

This 45-degree flammability tester determines fabric flammability under controlled conditions. It complies with ASTM D1230 and FTMS191-5908 standards.



Overview

Precision Flammability Testing

The 45 Degree Flammability Tester is a specialized instrument designed to accurately determine the burning characteristics of textiles under controlled conditions. Featuring a robust stainless steel test cabinet with a glass observation panel, this device ensures both durability and clear visibility during testing. It supports automatic timing of flame spread in 0.1-second increments, providing reliable and repeatable results for compliance with international safety standards.

Technical Specifications

Display Range	99.9 S
Resolution	0.1 S
Ignition Time Range	99 S
Power Supply	1 phase, AC 220V/50Hz
Weight	35 kg

Physical Dimensions

Dimensions

Dimension Type	Size (mm)
Burn Size	368 x 216 x 356
Outer Dimension	400 x 300 x 540

Compliance & Standards

Design Standards	ASTM D1230, FTMS 191-5908, CRF 16-1610, CALIF TB117, NFPA 702
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Key Features

Standard Features

- Stainless steel test cabinet
- Glass observation window
- Automatic or manual ignition device
- Brushing Device including Spare Nylon Brush
- Automatic timing of flame spread

Performance Metrics

Timer Accuracy

0.01 s

Accuracy