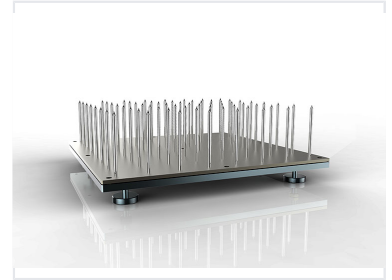


Flammability Tester with Nail Bed for Toys

This tester determines the flammability of cloth and plush toys. It records burning time to assess if the flammability of the burning part meets the requirement of standards.



Overview

Flammability Testing Solution

This specialized testing apparatus is designed to assess the flammability characteristics of cloth and plush toys. It features a precise nail bed configuration that holds samples securely during the ignition process. By measuring burning time and combustion states, it ensures compliance with critical safety standards for solid and soft toys.

Standards & Compliance

Applicable Standards

16 CFR 1510, ASTM F963 4.6.2

Technical Specifications

Test Methodology

- Place sample on tester and measure dimensions
- Apply 16mm paraffin candle flame to sample surface for 5 seconds
- Maintain burning for an additional 5 seconds or until major axis end
- Measure burned area length and calculate burning rate

Minimum Flame Height

16 mm

Flame Height

Primary Application

Cloth and plush toys