

Flame Propagation Testing Device for Conveyor Belts

This laboratory apparatus is designed for flame propagation tests on conveyor belts. It features controlled ignition, a transparent enclosure, and digital displays for precise monitoring.



Overview

Flame Propagation Testing for Conveyor Belts

The ASR001-02 hazardous combustion chamber is a specialized laboratory apparatus designed for research institutes and industrial quality control. It is engineered to perform critical flammability and flame propagation tests on conveyor belts, ensuring compliance with international safety standards. The system features a controlled ignition environment, precise temperature monitoring, and observational capabilities to verify material performance under hazardous conditions.

Compliance & Standards

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| Test Standard | AS1334.10-1994 |
| Methodology | Method 10: Determination of flammability and flame propagation characteristics |

Technical Features

Control Features

- Controlled ignition system
- Flame introduction and removal controls
- Digital temperature monitoring
- Digital time monitoring

Design & Construction

Transparent observation enclosure, Sturdy mounting frame, Digital display interface, Power status indicators

Application

Suitable For

Research Institutes • Conveyor Belt Manufacturing • Quality Control Laboratories