

Combustion Test Chamber for Alcohol Burner Testing

The Alcohol Burner Combustion Test Chamber evaluates material combustion performance under alcohol burner flame exposure. It ensures material safety and reliability with precise control of flame, airflow, and temperature.



Product Overview

Combustion Performance Testing Solution

This combustion test chamber is engineered for evaluating the flame retardant properties of conveyor belts and similar materials. Designed for laboratory use in research institutes and industrial quality control, it provides a controlled environment for precise flame, burning, and flame retardant evaluation. The system ensures full compliance with critical national and industry standards, making it an essential tool for material safety assessment.

Technical Standards

Compliance Standards

GB/T3685-1996, MT668-2008, MT914-2008, MT830-2008

System Components

Key Components

- Alcohol torch
- Mobile assembly
- Sample holder
- Alcohol bottles and flow control
- Temperature detection system
- Electrical control components

Performance Metrics

Key Monitoring Metrics

0 °C

Flame Temperature

0 s

Test Duration

Operational Features

Control Features

- Precise flame application control
- Adjustable airflow regulation
- Integrated temperature monitoring
- Viewing window for observation
- Safety containment features