

Alcohol Propane Combustion Test Device

The alcohol propane scale combustion test device is designed for evaluating the combustion characteristics of alcohol and propane under controlled conditions. It features a robust, insulated chamber with a viewing window and integrated digital controls for precise adjustment of parameters.



Overview

Precision Combustion Testing

This Alcohol Propane Combustion Test Device is designed for rigorous testing of conveyor belt flame retardant properties and combustion characteristics. It integrates both alcohol and propane burner systems within a single, controlled combustion cabinet. Featuring manual 90-degree rotation positioning and digital temperature monitoring, it ensures high repeatability and adherence to international safety standards.

Compliance & Standards

Applicable Standards

- MT182-88
- MT450-1995
- MT914-2008
- GB/T3685-2009
- ISO340:2004

Technical Features

Burner Systems	Alcohol Burner, Propane Gas Burner
Positioning Mechanism	90-degree manual rotation lock
Temperature Monitoring	Dual temperature sensors with digital display
Sample Handling	Jig rod bearing with dual fixture support

Safety & Design

Key Safety Features

Insulated Chamber • Flame Detection • Automatic Shut-off

Observation Window	Yes
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