

Needle Flame Tester with Temperature Measurement

This needle flame test apparatus is designed to evaluate the flammability of materials in electrical equipment. It simulates the effect of a small flame under fault conditions and includes a temperature tester ranging from 0 to 1,000°C.



Product Overview

Fire Hazard Assessment

The Needle Flame Test Apparatus is a critical tool for assessing the fire hazard of electrotechnical equipment. It simulates the effect of a small flame caused by fault conditions, allowing for precise evaluation of material flammability. This equipment is essential for determining ignition time, flame spread, and burning behavior to ensure compliance with safety standards.

Technical Specifications

Temperature Measurement Range

1000 °C

Max Temperature

Key Features

Core Capabilities

- Precise gas flow regulation
- Integrated test chamber for combustion containment
- Ignition time monitoring
- Flame spread analysis
- Temperature measurement capabilities

Application

Primary Applications

Electrotechnical Equipment, Fire Safety Testing, Material Flammability, Quality Control