

Glow Wire Flammability Tester

This glow wire test apparatus simulates the thermal effects of glowing components to evaluate fire hazards. It is applicable for quality inspection departments and enterprises to conduct flame resistance testing.



Overview

Advanced Fire Safety Testing

The Glow Wire Flammability Tester is designed to simulate the thermal stresses caused by glowing components, such as overloaded resistors, to assess the fire hazard of electrical and electronic equipment. It provides precise control over test temperatures and pressure, enabling accurate determination of Glow Wire Ignition Temperature (GWIT) and Glow Wire Flammability Index (GWFI). This equipment is essential for manufacturers of household appliances, electrical tools, and information technology equipment to ensure compliance with international fire safety standards.

Technical Specifications

Test Temperature Range

550 °C

Minimum Temperature

960 °C

Maximum Temperature

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|---------------|------|
| Test Pressure | 1 N |
| Test Duration | 30 s |

Compliance & Standards

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|---------------------|---|
| Supported Standards | IEC60695-2-10, IEC60695-2-13, UL746A, IEC829, DIN695, VDE0471 |
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Equipment Features

Model Variants

- Ordinary
- Intelligent

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|----------------|---|
| Control System | 7-inch color touch screen with PLC and specialized software |
| Design | Integrated test chamber and control unit |