

Thermal Radiation Droplet Tester for Material Melting

This tester applies controlled heat radiation to a material sample, observing released gas combustion. It is designed to measure the melting behavior of materials under controlled thermal radiation conditions.



Product Overview

Precision Thermal Testing

This thermal radiation droplet tester is designed to evaluate material melting behavior under controlled fire-safety conditions. It applies a 30KW/m2 heat radiation flux to simulate critical environmental stress, identifying potential fire hazards such as gas combustion and burning droplets. Engineered to meet international fire retardant standards, it provides reliable data for building materials and automotive interior testing.

Technical Standards

Certifications

CE • ISO 9001:2000

Compliance Standards

NF P92-505, EU 95/28/EC

Performance Metrics

Thermal Radiation Flux

30 KW/m2
Heat Radiation

Key Features

Operational Features

- 90-degree rotating stainless steel heat radiator bracket
- Height gauge for precise thermal distance adjustment
- Digital panel display for real-time operating power monitoring
- Adjustable power controller for radiation output control
- Height-adjustable sample and cotton tray system