



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

Heat Flux Flammability Testing Equipment Flooring Radiant Panel Test Apparatus



- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **EN ISO 9239-1 ASTM E648 ASTM E970 NFPA 253**
- Model Number: **YY129**

- **Payment & Shipping Terms:**

- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **20 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **2 sets per month**
- Share to :

Flooring Radiant Panel Test Apparatus, 0~15KW/W2 Heat Flux Flammability Testing Equipment

Product introduction:

This test method is used to measure the critical radiant flux of horizontally-mounted floor covering systems exposed to a flaming ignition source in a graded radiant heat environment, within a test chamber. It can also be used to measure this same critical radiant flux for exposed attic floor cellulose insulation.

The European Union is using this test method for fire classification of flooring products, throughout European Member States.

The radiant heat is applied by means of a gas-fuelled panel, inclined at 30°, and directed at a horizontally mounted floor covering system specimen. The radiant panel generates a radiant energy flux distribution ranging from a nominal maximum of 10.9 kW/m² to a minimum of 1.1 kW/m².

A small stainless steel pilot burner assists in specimen ignition.

The distance burned until flame-out is reached and converted, by calibration, into an equivalent critical radiant flux, in kW/m².

A smoke measuring system, according to DIN 50055, is mounted on a separate frame at the exhaust stack.