



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

DIN 4102-15 Building Materials Difficult Flammability Lab Testing Equipment



- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **GB/T 8625 DIN 4102-15**
- Model Number: **YY121**

- **Payment & Shipping Terms:**

- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **10 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **10 sets per quarter**
- Share to :

DIN 4102-15 Building Materials Difficult Flammability Lab Testing Equipment

Description:

Building materials difficult flammability tester is my company according to the national standard, which is used in the development and production of flame retardant performance testing equipment, building materials applied to building materials fire resistant performance test. Adopt computer control, high degree of automation.

Standards:

GB/T 8625 Test method of difficult-flammability for building materials
DIN 4102-15

Features:

Burning shaft furnace: the combustion chamber, burner, specimen support, air current stabilizer, and parts such as flue. Adopt computer control, furnace temperature and pressure, high degree of automation.

The working principle of the instrument is as follows:

The start of the experiment, the four has been the standard by the conditioning good specimen is vertically fixed on the bracket for test piece, composed of a vertical square flue; the position is adjusted, to ensure that the sample relative distance of (250 ± 2) mm.

For the formation of uniform flow in the combustion chamber in the lower part of the furnace body, through the diameter of 200 pipeline at a constant rate and temperature of input air shaft furnace, meet the provisions of the (10 ± 1) m³/min air supply.

Adjusting the gas flow is (35 ± 0.5) L/min; the air flow is (17.5 ± 0.2) L/min, and then start the automatic ignition device.

The testing time is 10min, when the average temperature of the flue gas visible combustion on the specimen is definitely over or five thermocouples as measured by the maximum value of more than 200°C, flame can advance interrupt.

Technical parameters:

1. Power supply: 380V AC 50HZ using gas: methane (purity over 95%)
2. Flow meter: methane: 5 ~ 45L/min adjustable, air: 3 ~ 30L/min adjustable
precision level :2.5 grade
3. The specimen size: 190 x 1000 (mm), less than 80mm thickness of specimen four as a group.
4. Thermocouple: 3.0mm diameter and 1.5mm armored thermocouple
5. The burner nozzle diameter: 3.5mm, dimensions: 200 x 200 (mm) from the bottom of 1000mm
6. The combustion furnace dimensions: length * width * height (unit: mm) 1020 x 1020 x 3930
7. Internal dimensions: length * width * height (unit: mm) 800 x 800 x 2000
8. Weight: 1 tons