



**YUYANG INDUSTRIAL CO., LIMITED**

China Manufacturer of Fire Testing Equipment

## Lab Flammability Testing Equipment / Plastic Combustion Performance Test Machine



- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **GB/T 2408GB/T 4610UL94ASTM D1929IEC707**
- Model Number: **YY102**

- **Payment & Shipping Terms:**

- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **5-8 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **10 sets per month**

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## **Lab Flammability Testing Equipment / Plastic Combustion Performance Test Machine**

### **Description:**

The plastic combustion performance test machine is suitable for measuring and evaluating the combustion characteristics of plastic materials. Flash point and auto-ignition point tester for measuring the temperature of the plastic flash fire and auto-ignition temperature, which is convenient to evaluate plastic ignition performance. This tester is high precision and reasonable structure, it's an ideal plastic combustion performance test machine of plastic manufacturing, universities and quality inspection institutions.

### **Standard:**

GB/T 2408, GB/T 4610, UL94, ASTM D1929, IEC707

### **Theory:**

In the hot air furnace heating chamber, the sample is heated with different temperatures, with a small flame in the furnace directly above the opening point of the escaping gas to determine the flashover temperature.

Auto-ignition temperature is directed by the same method of flashover temperature, but no flame is applied.

### **Specification:**

1. Test temperature: 0~500°C
2. Temperature accuracy:  $\pm 1$  °C

3. Opening diameter:  $\Phi 25\text{mm}$
4. Air flow: 0~100mm/s(adjustable)
5. Power: AC220V,50HZ
6. Dimension: L1400\*W600\*H1900(mm)
7. Experimental part of the device is as follows: the furnace shell, furnace tube, inner tube, sample disk, heating jacket, insulation, thermal, air source, temperature control device, automatic ignition device.