



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

Laboratory Fire Testing Equipment ISO 871 Plastic Ignition Temperature Tester



- **Product Details:**

- Place of Origin: China
- Brand Name: YUYANG
- Certification: ASTM D 1929GB/T 4610GB/T 9343 ISO 871
- Model Number: YY404

- **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: **15 sets per quarter**
- Share to :

Laboratory Fire Testing Equipment ISO 871 Plastic Ignition Temperature Tester

Description:

Decompose and release the combustible gas from plastic material under regulated testing conditions, ignited by outer flame and burned a certain time, to measure the minimum temperature of the material. Application comparison within material through the testing results.

Standard:

ASTM D 1929, GB/T 4610, GB/T 9343, ISO 871

Specification:

Furnace tube inner diameter $100 \pm 5\text{mm}$, length $240 \pm 20\text{mm}$, not less than $750\text{ }^{\circ}\text{C}$ temperature ceramic tube;

Inner tube diameter $75\text{mm} \pm 2\text{mm}$, length $240\text{mm} \pm 20\text{mm}$, temperature not lower than $750\text{ }^{\circ}\text{C}$;

Stainless steel container Dimensions: diameter 9mm, height 48mm;

1. Butane lighter inside diameter of $0.8 \pm 0.1\text{mm}$ nozzle, the flame height 10 ~ 20mm (adjustable);

2. Temperature of copper furnace can be constant between $150\sim 450\text{ }^{\circ}\text{C}$;

3. Equipped with built-in fan to provide air source, and precise control of the flow meter is equipped with imported gas flow;
4. Insulating layer is made larger than 60mm thick mineral wool insulation composed of external stainless steel package;
5. Three import thermocouple temperature instrument detects the furnace temperature and the sample temperature;
6. The sample container is made of stainless steel;
7. Timer Accuracy 0.1s;
8. Automatic temperature program;
9. Ambient temperature: room temperature ~ 40 °C;
10. Humidity: $\leq 75\%$;
11. Voltage: AC 220 V \pm 10V 50HZ; use of power: 600W;
12. Temperature control accuracy: ± 2 °C, can be adjusted between 150 °C ~ 450 °C;
13. Display accuracy: ± 0.5 °C;
14. Dimensions: test furnace (0.4 × 0.4 × 0.5) m;
15. Weight: 20 Kg.