



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

EN ISO 1182 Building Material Fire Tester / Micro Computer Non Combustibility Tester



- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **EN ISO 1182 GB/T 5464 BS 476-4**
- Model Number: **YY504**

- **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 :

EN ISO 1182 Building Material Fire Tester / Micro-computer Non-Combustibility Tester

Application:

Suitable for determining whether the building materials flammability test under specified conditions.

Standards:

EN ISO 1182 Reaction to fire tests for building products -- Non-combustibility test
GB/T 5464 Test Methods for building materials non-combustibility
BS 476-4 Fire tests on building materials and structures - Non-combustibility test

Specification:

1. Test apparatus containing furnace, specimen holder, draught shield, thermocouples, voltage stabilizer, variable transformer, power controller, temperature indicator.
2. Furnace: $\Phi 95\text{mm} \times \Phi 75\text{mm} \times \Phi 150\text{mm}$, 80/20 nickel/chromium electrical resistance tape 3mm wide and 0.2mm thick.
3. Specimen holder mass: 15 ± 2 g
4. Draught shield: $\Phi 75\text{mm} \times 50\text{mm}$
5. Thermocouple: insulated nickel-chromium sheathed $\Phi 0.3\text{mm}$
6. Voltage stabilizer: 1.5KVA, accuracy of output voltage within $\pm 1\%$
7. Variable transformer: 0~100V
8. Thermometer: 0~1000 $\pm 5\%$
9. Timer: 0~99h
10. Power: AC220V $\pm 10\%$, 50Hz, current $\leq 10\text{A}$
11. Furnace temperature: 750 $\pm 5^\circ\text{C}$

12. Furnace temperature drift: $<2^{\circ}\text{C}/10\text{min}$
13. Heating power: 800-1000W, maximum power: 1.5KW
14. Gas source: gas or liquefied petroleum gas(if conditions permit, choose a better quality gas source)
15. Inside diameter of burner is $\Phi 0.17\text{mm}$, four $\Phi 4\text{mm}$ air-conditioning hole. Flame height is easy to adjust.

Feature:

1. Using 16-bit high-precision microcomputer control board, with reasonable structure, stable performance, easy operation;
2. Windows XP operate system, LabVIEW style, perfect security mechanisms. During testing real-time display measurement results, and dynamically draw perfect curve, the data can be stored permanently and read and print output, you can print it directly;
3. PC+Labview software control;
4. Furnace: using steel-tube mold making, uniform thickness, durability, heat resistance temperature $> 1600^{\circ}\text{C}$, the temperature uniformity.

Structure:

1. The apparatus is made of combustion chamber and control chamber;
2. Combustion dimension: $L700 * W400 * H850$ (mm);
3. Combustion chamber and control chamber are made of high quality static-electronic steel plate, plastic-spray surface treatment and perfect appearance;
4. Internal parts are made of high quality stainless steel, and anti-rust.

