



**YUYANG INDUSTRIAL CO., LIMITED**

China Manufacturer of Fire Testing Equipment

## Stainless Steel Fire Test Chamber Smoke Density Tester With Viewing Window

ASTM D2843



- **Product Details:**
- Place of Origin: China
- Brand Name: YUYANG

- Certification: **ASTM D2843 GB/T 8627 DIN 4102**
- Model Number: **YY511**
- **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: **5 sets per month**
- Share to :

## **ASTM D2843 Building Material Smoke Density Exit Sign Fire Tester**

### **Introduction:**

Measure the smoke density of burning and decomposition of building material during test, by the loss of light transmission in the testing chamber. Flame and smoke can be monitored with viewing window.

### **Standards:**

ASTM D2843

GB/T 8627

DIN 4102

### **Features:**

1. User- friendly, environment-friendly, patented design;
2. All steel structure, heavy duty, there is a 25x230mm ventilation opening at the bottom , and with a 1700L/min ventilation system;
3. With a toughened glass viewing window which is convenient for viewing;

4. Equipped with main and auxiliary burner enable enough smoke after fully burning;
5. High voltage pulse automatic ignition device;
6. Precise pressure adjustment valve for gas control;
7. 64\*64mm square stainless specimen support;
8. 300mm optical path;
9. With adjustable light source system, and light receiving system with imported silicon optical amplifier, which make the result stable and accurate;
10. 19 inch standard control cabinet;
11. controlled by PC+Labview software;
12. Can input the flame appearing time, extinguished time, specimen burning end time, etc. after testing. Accuracy +/- 0.1s;
13. Can output test result file automatically;
14. Can automatically acquire, calculate, save and output test data;
15. Real-time display the data as well as smoke density curve;

