



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

ASTM Flammability Test Equipment ISO 5658-2 ASTM E1321 Flame Test Apparatus



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

- Certification: **ISO 5658-2 ASTM E1321 IMO Resolution A. 653(16)**
- Model Number: **YY109**
- **Payment & Shipping Terms:**
- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **20-25 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **5 sets per month**
- Share to :

ISO 5658-2 ASTM E1321 Flammability Testing Equipment Spread of Flame Test Apparatus

Description:

It's suitable to evaluate burning characteristics of construction materials and measure the spread of flame, flame condition of ignition at multiple distances, critical flux, and total heat release value. It can also measure the burning characteristics of vertical specimen. After recording time of ignition and extinguishment at each distance, we can calculate the flame spread rate.

Other test results include: ignition heat(MJ/m²), continuous burning heat(MJ/m²), critical flux(MJ/m²), average heat of continuous burning(MJ/m²), total heat release value(kW).

Features:

1. All controlling system is Ex-proof;
2. Cylinder type pilot burner can support automatic flame impingement by IMO standard;
3. Dual layers grid and enlarged lenses make users easy to inspect the flame spread situation;

4. Temperature controller of radiant panel can be used to measure internal temperature of light source plate. It can close Solenoid valve automatically when flame reflux;
5. Large flow controller can easily measure methane content when measuring critical heat flux of gas;
6. All Ex-proof parts in radiant panel combustion controlling system can prevent gas reflux,like check valve and solenoid valve;
7. Camera can observe and store test procedures at certain program;
8. Measure heat flux condition of radiant panel in 50mm;
9. Data acquisition system can store images of flame spread length and burning characteristics;
10. 19°analyzing frame can measure flame spread rate,critical flux,heat release rate;
11. IMO program makes all calibration,test and test result printed (IMO,ISO) easier.

Standards:

ISO 5658-2:Reaction to Fire Tests-Spread of Flame

Part 2:Lateral Spread on Building and Transport Products in Vertical Configuration

ASTM E 1321 Standard Test Method for Determining Material Ignition and Flame Spread Properties

