YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

ASTM D 635 Plastic Horizontal Flammability Testing Equipment Burning Rate Tester

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

- Certification: **ASTM D 635UL94 V-0 V-1 V-2GB/T 2408**
- Model Number: **YY105**
- **Payment & Shipping Terms:**
- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **5 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **10 sets per month**
- Share to：

ASTM D 635 Plastic Horizontal Flammability Testing Equipment Burning Rate Tester

Introduction:

The horizontal and vertical flame test apparatus is designed according to UL94, IEC60695-11-4 and IEC60695-11-3. The fire hazard is evaluated by burning rate, after glow time, after flame time and damage length of the specimen. The horizontal and vertical flame test apparatus is applied to the V-0, V-1, V-2, HB and 5V materials, it is widely used in the R&D department, QC department and production department of lighting equipment, low-voltage apparatus, household appliance, motor and etc.. And also can be used in the industries of insulation material, plastic and other solid combustible material.

Standards:

ASTM D 635,UL94 V-0 V-1 V-2,GB/T 2408

Parameter:

1. Burner: Φ9.5mm ± 0.3mm bunsen burner

2. Dip angle:0^0, 20^0, 45^0 (manual adjustment)
3. Flame height: 20mm ± 2mm to 180mm±10mm (adjustable)
4. Flame time: 0-999.9s±0.1s (adjustable)
5. After flame time: 0-999.9s±0.1s (auto record, manual pause)
6. After glow time: 0-999.9s±0.1s (auto record, manual pause)
7. Fuel gas: 98% methane
8. Flow and pressure record: flowmeter and manometer
9. Test temperature range: 0-1000^0C
10. Flame temperature required: heat up from 100^0C±5^0C to 700^0C±3^0C within the time of 44s±2s and 54s±2s
11. Thermocouple: diameter of 0.5mm K type thermocouple (2 pieces)
12. Test background: black
13. Volume of chamber: 0.75 CBM
14. Dimension of apparatus: 1100mm(W)*700mm(D)*1300mm (H)
15. Power supply: AC220V, 50Hz, ≤500W