



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

20 / 50 Drops Laboratory Fire Testing Equipment Low Voltage Tracking Tester



- **Product Details:**

- Place of Origin: China
- Brand Name: YUYANG
- Certification: IEC60112:2003 UL746A ASTM D 3638-92 DIN 53480 GB4706.1 GB4207
- Model Number: YY417

- **Payment & Shipping Terms:**

- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **8-10 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **15 sets per quarter**
- Share to :

20 Drops or 50 Drops Laboratory Fire Testing Equipment, Low Voltage Tracking Tester

Description:

ASTM D3638-92 low voltage tracking tester simulates wet/moisture condition, test tracking index(CTI) and anti tracking index(PTI). It is used for electrical electronic products, solid insulating materials of household electrical appliance and other products.

Test method:

On the surface of solid insulate material, at the ruled 2mmx5mm platinum electrode, exert a certain voltage and set 30s time, drip the ruled drop volume(0.1%NH₄CL) at 35 mm height, then evaluate solid insulation material surface under combined electric field and medium pollution tolerance ability, determine its tracking index(CTI) and anti tracking index(PTI).

Test standard:

IEC60112:2003, UL746A,ASTM D 3638-92,DIN 53480, GB4706.1, GB4207 and other equivalent test standard.

Specifications:

1. Electrode material: platinum/stainless steel
2. Electrode size: $(2\text{mm}\pm0.1\text{mm})\times(5\text{mm}\pm0.1\text{mm})\times(40\text{mm}\pm5\text{mm})$, platinum electrode 12mm, $30^\circ\pm2^\circ$ cant
3. Electrode distance: $4.0\text{mm}\pm0.01\text{mm}$, angle $60^\circ\pm5^\circ$
4. Electrode pressure: $1.00\text{N}\pm0.001\text{N}$
5. Test solution resistance: solution A 0.1%NH₄Cl, $3.95\pm0.05\ \Omega\cdot\text{m}$, solution B $1.98\pm0.05\ \Omega\cdot\text{m}$
6. Drop volume: 20 drops 0.380~0.480g, 50 drops 0.997~1.147g(adjustable)
7. Drop height: $35\text{mm}\pm5\text{mm}$ (adjustable)
8. Drop time: $30\text{s}\pm10.1\text{s}$, digital display, preset, 50 drops time $24.5\text{min}\pm2\text{min}$
9. Drop quantity: 1-9999, digital display, preset
10. Test wind speed: 0.2m/s
11. Test voltage: 100V~1000V(25V scale division, adjustable)
12. Power voltage drop: 8% when $1.0\text{A}\pm0.1\text{A}$
13. External chamber dimension: 600Wx1000Hx500D mm
14. Air outlet diameter: 100mm
15. Power supply: AC 1 phase 220V 50/60Hz 500W