



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

Automatic Tracking Test Apparatus IEC 60587 6 KV High Voltage Tracking Index

Tester





- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **IEC 60587 GB/T6553 ASTM D 2303 IEC 60587**
- Model Number: **YY117**

- **Payment & Shipping Terms:**

- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **5-8 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **5 sets per month**

- Share to :

IEC 60587 6 KV High Voltage Tracking Index Test Apparatus Flammability Testing Equipment

Description:

Tracking Index Tester is a fully automatic instrument contained in its own cabinet to maximize the safety of the operator. Inside the well lit cabinet, a test specimen is placed on a glass plate and two platinum electrodes are lowered onto the top surface.

A gauge block is supplied with the instrument to ensure the electrodes have the proper distance between them. The table height is easily adjustable to ensure the proper angle of the electrodes and height of drops. The rest of the test is controlled from outside the test chamber with the door closed.

The voltage, limiting current, drip rate and number of drips are all set on the control panel. An operator should observe the test to see if a flame ignites. The instrument sounds an alarm if there is a tracking failure of at least two seconds.

Standards:

IEC 60587-1984, GB/T6553-2003,

ASTM D 2303 Standard Test Methods for Liquid-Contaminant, Inclined-Plane Tracking and Erosion of Insulating Materials

IEC 60587 : Test methods for evaluating resistance to tracking and erosion of electrical insulating materials used under severe ambient conditions

Specifications:

Electrode Materials	The electrode caput of brass and platinum
Electrode Distance	4.0mm±0.1mm,60±5°angle
Test Voltage	100~600V adjustable, displayed value: r.m.s

Test Current	Current limiting $1A \pm 0.1A$ adjustable, displayed value:r.m.s, tolerance of 1.5%
Electrode Dimensions	width: $5mm \pm 0.1mm$, thickness: $2mm \pm 0.1mm$, length $> 12mm$, end chisel-edge angle : $30^\circ \pm 2^\circ$, platinum.
Electrode Pressure	$1.00N \pm 0.05N$
Dripping Nozzle	outer diameter: $0.9mm \sim 1.2mm$ for solution A $0.9mm \sim 3.45mm$ for solution B
Dripping Interval	0-99 seconds (adjustable), the time for $44-55/1cm^3$ (adjustable) drops to fall on the specimen shall be $(30 \pm 2)min$.
Heigh Drops	$30-40mm \pm 5mm$ (adjustable)

Features:

1. Testing according to IEC 60112-2003
2. All stainless steel structure.
3. The door will be locked automatically when test starts.
4. Fully automatically testing.
5. Software controlled test procedure with PLC.
6. Electronic controlled pipette.
7. Cabinet for testing and fan to exhaust gases.

