



Proof Tracking Flame 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 .

1, Accord with IEC60112, UL 746A, GB/T4207, GB4706.1 ASTM D 363892 standard prescribed simulation experiment project.

2 Between solid insulation material surface and predetermined size (2mm x 5mm) platinum electrode ,Applied voltage , timing (30s)and set height (35mm),drip provisions of volume of liquids (0.1% NH 4 conductive CL) to evaluate resistance to tracking performance of solid insulation materials in electric and moist or pollution medium combination ,measure its comparative electric mark of index (CT1) and withstand voltage marks of index (PT1)

Applicable to lighting equipment, low voltage electric appliance, household appliances, electric machine, motor, electric tools, electronic instrument, electrical instruments, information technology and equipment research, production and quality inspection department, also suitable for insulation materials, engineering plastic, electrical connectors and so on..

Detail of product:

- 1, Electrode materials: electrode head ,-- Platinum
- 2, Electrode pressure: $1.0 \pm 0.05N$
- 3, Electrode distance: $4.0mm \pm 0.01mm$, Angle of $60^\circ \pm 5$
- 4, Electrode voltage: 100 ~ 600V (48 ~ 60HZ) is adjustable, short-circuit current in the $1.0 \pm 0.1A$,voltage drop less than 10%
- 5, Drops liquid height: 30 ~ 40mm adjustable
- 6, Drops liquid size: 44 ~ 55 drops / 1cm³ adjustable
- 7, Drops liquid time: $30s \pm 5s$,
- 8, Drops liquid number: 0 ~ 999 times is adjustable
- 9, Leakage judgment: A loop current exceeds 0.5 A and keep 2 seconds is relay action interrupts the current, instructions, sample unqualified
- 10, Test process: automatic control, independent convulsions