

IEC60587 ASTMD2303 Electrical Tracking Mechanism

Electrical Insulating Materials Resistance To Tracking And Erosion
Testing Equipment



Technical Description:

The mechanism of electrical impingement on the epoxy resin insulating material using a high voltage of 3.5 kV AC with a frequency of 50 Hz causes the surface of the epoxy resin insulating material to burn.

Standard:

IEC60587-2007: Electrical insulating materials used under severe

ambient conditions- test methods for evaluating resistance to tracking and erosion

ASTMD2303:

Parameters:

Name	DX8427 High Voltage Tracking Index Tester
Box	≥ 0.5 cubic meters
Drop size	44 to 50 drops / cm ³
Power supply	AC 220V, 50Hz
Electrical load	100 ~ 6000V adjustable
Drip height	30mm ~ 40mm adjustable
Electrode Pressure	1.00N±0.05N
Flow range	0.00185 to 2 ml / min
Working speed	0.1 to 15 rev / min

1. DC voltage: display the voltage of DC test, which can be realized by adjusting voltage regulator.
2. AC voltage: display the voltage of AC test, which can be realized by adjusting voltage regulator.

3. DC current (1 ~ 5): there are five groups of DC current display, display the current value of five groups of DC test, the set value is 60mA.

4. AC current (1 ~ 5): there are five groups of AC current display, display the current value of five groups of AC test, the set value is 60mA.

5. Reset: 1. When the tester alarms, press this button to stop the alarm; 2. Press this button to stop the test, and all the current values in the main test screen are cleared

6. Power supply: it can control the on-off of power supply and has the function of leakage protection.

7. Resistance gear: select the gear of series resistance value.