GESTER
TOTAL TESTING SOLUTION

Proof Tracking Testing Machine | GT-MC36

Product Presentation

Principle:

On a solid surface of insulating material, between the required size (2mm × 5mm) platinum electrode, a voltage is applied. At the same time, timed (30s), set height (35mm) and dropping a predetermined volume of contaminated liquid droplets (0.1% NH 4 CL) to evaluate the endurance capacity of the surface of solid insulating materials under the combined effects of electric and contaminated media, accordingly, its comparative tracking index (CT1) and resistance to tracking index (PT1) is tested.

Suitable for the research, production and quality control for lighting, low voltage electrical appliances, household appliances, electrical machines, motors, power tools, electronic equipment, electrical instruments, information technology equipment, and also suitable for insulation, plastic, electrical connections, accessories industry.

Feature

- 7 inches full touch screen control system
- Imported electric appliances
- Imported micro pump
- Accurate droplet time and volume control
- Evaluate test qualified/disqualified function
- Test result be saved by USB
- Door open-close protection system
- Over voltage protection system
- Comprehensive operation protection system
- Tempered glass observe window

Product Parameter

Standards

IEC60112, UL746A, ASTMD3638, DIN53480, GB4207

Key Specification

Model	GT-MC36
Controller	7 inches PLC
Voltage Display	Digital voltage modules direct touch-screen display
Current Display	Digital current module direct touch-screen display
Dimensions	1120 x 600 x 1020(L x W x H)
Inner Capacity	≥0.5cube
Electrode Material	Pt
Electrode Size	2mm x 5mm x 35 mm
Electrode Pressure	1.00N
Electrode Distance	4.0mm
Droplet Volume	50 drop/1cm3
Droplet Height	35mm（can be set）
Droplet Time	30s±0.1（can be set）
Droplet Amount	1～9999（can be set）
Test Voltage	50V ～600V（can be set）
Power Voltage Difference	1.0A ± 0.1A ＜8%
Tracking Evaluation	0.50A ±0.05A

Main Configuration

1 pc	Standard electrode
1 pcs	Imported micro pump
2 pcs	Tempered glass
1 pcs	Standard solution
1 pc	Scale

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