

HF-ET-803

Water-Cooled Generator Insulation Tester



This Water-Cooled Generator Insulation Tester provides 2500V/5000V test voltage with ≥ 20 mA short-circuit current. It measures insulation resistance, absorption ratio and polarization index, features auto-discharge and data storage for reliable on-site generator insulation assessment.

Key features

- Controlled by a 32-bit microcontroller with full-Chinese UI for easy operation.
- Automatically calculates absorption ratio and polarization index. Automatically stores data at 15 s, 1 min, 2 min and 10 min for analysis.
- Large output current: ≥ 20 mA at 2500 V; short-circuit current ≥ 20 mA.
- Automatic discharge upon test completion with real-time discharge-process monitoring.
- Ambient temperature: $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$

Technical specifications

Parameter	Value
Testing Range	0.1 Mohm ~ 200 Gohm
Resolution	Min. 0.1 Mohm
Accuracy	$\pm 10\%$
Test Voltage	2500V; 5000V
Output Short-circuit Current	≥ 20 mA
Display	Dot-matrix LCD
Power Supply	AC220V
Ambient Temperature	$-10 \sim 40^{\circ}\text{C}$
Relative Humidity	20 ~ 80%
Overall Dimension	320×240×135 mm
Weight	5 kg

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.