



GDOT-3B Insulation Oil Dielectric Strength Tester



GDOT-3B Insulation Oil Tester/Insulation Oil Dielectric Strength Tester/Oil Breakdown Voltage Tester

Product Description

In power system, railway system and large petrochemical, industrial enterprises all have a lot of electrical equipment, its internal insulation is mostly oil-filled insulation type, dielectric strength for insulating oil is a routine test which shall be measured. In order to meet the market needs, our company self-developed and produced GDOT series dielectric strength tester for insulation oil according to the national standard

GB/T507-2002, the industrial standard DL429.9-91 and the latest electric power industry standard DL/T846.7- 2004. The instrument with single chip microcomputer as the core, to achieve full automatic testing and high precision measurement, greatly improves the work efficiency, and also greatly reduce the labor intensity of the workers.

Features

- Automatically complete boosting, holding, stirring, standstill, calculating and printing.
- Enable to carry out oil circulating withstand voltage test within the range of 0-100kV.
- Large-screen LCD display.
- Enable to automatically complete withstand voltage for 1~3 oil samples according to the setting.
- Power-down keeping, enable to store 100 test results.
- Uniform boosting, voltage frequency accurately to 50Hz
- With over-voltage, over-current, limit protection, in order to ensure safety
- With functions of temperature measurement display as well as the system clock display
- With standard RS232 port. Data can be transmitted to PC.

Specifications

Type	GDOT-3B
Output Voltage	0-100kV (Optional)

Output Capacity	1.5kVA
Measurement accuracy	±3%
Boosting Speed	0.5-5kV/S (Adjustable)
Voltage Distortion Rate	<3%
Working Environment	Temperature: 0°C-45°C; Humidity: <75% RH
Working Power Supply	AC220V±10% 50Hz±1Hz