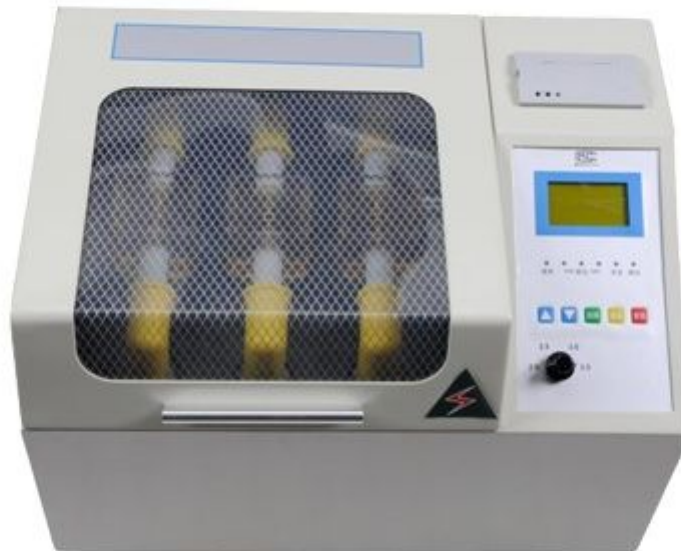




GDOT-100D 100kV Insulation Oil Tester



General Information

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 test 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 national

standard GB/T5072002, industrial standard DL429.991 and the latest electric power industry standard DL/T846.7- 2004.

The instrument use single chip microcomputer as the core, to achieve full automatic testing and high precision measurement, greatly improves the work efficiency and also reduce the labor intensity of the workers greatly.

Features

- With microprocessor, three cups in one, automatically complete boosting, holding, stirring, static releasing, calculation and printing.
- Enable to carry out oil circulating withstand voltage test in the range of 0-100KV.
- Large screen LCD display.
- Simple to operate, automatically complete 1-3 oil samples withstanding voltage test according to the settings. Each oil sample will be automatically stored for each breakdown voltage value and cycle number. After the test is completed, the thermal printer can print out the breakdown voltage value and average value of each oil sample.
- This series has strong applicability, not only can be used in laboratories, but also be used in outdoor fields. The instrument also has strong anti-interference ability and can work normally in strong electromagnetic field environment. It is very suitable for use in departments with more oil samples and tight test time.
- With over-voltage, over-current, zero return protective function, it can ensure the safety of operators and device at normal use.
- Increasing speed can be set according to different test standard.

Specification

Output voltage	0-100kV
Power distortion rate	<3%
Voltage increasing speed	2.0,2.5,3.0,3.5kV/s (adjustable)
Voltage measurement error	±3%
Capacity	1.5kVA
Power input	AC220V± 10%, 50Hz±1Hz
Power	<200W
Working temperature	0°C-+40°C
Oil cup volume	200mL (400mL optional)
Electrode spacing	2.5mm
Humidity	<80%RH
Dimension	470*430*480mm
Weight	49 kg