

Description

ODTS 60D & 100D Insulation Oil Dielectric Testers are designed and made to meet customer's requirements in accordance to the IEC156, GB50-86 "The determination method of dielectric strength of insulation oil".

Microcomputer is used as the controller of the unit during operation. The instrument has a strong anti-jamming ability enabling it to avoid high-voltage breakdowns. It can perform the oil insulation dielectric tests efficiently and safely with high accuracy and full automatic features.



ODTS Unit

Features

- Automatic magnetic stirring mode, which eliminates the dangerous issues at artificial agitation.
- Capability of selecting test repetition and idle or rest time of the unit.
- Buzzer will ring after oil sample is broken down. This buzzer also indicates the number of test being conducted. This feature can also be turned off.
- Microprinter (internal and external).
- Digital display.
- Voltage adjustment with ramp mode, changing of rate slowly and regressing to zero state quickly.
- Various operation modes.

Simple Operation Procedures

Only by pressing the "RUN" button, the unit will start the test. To change some of the preset data you can enter various desired parameters. The default preset data will perform test in accordance to GB Method. Preset setup will be suitable in most cases, however the user may alter these defaults in accordance to their requirements or preferences.

Functionality

Measuring the dielectric strengths of all type of insulation oils, and can be utilized as AC high-voltage generator.

Technical Data

- **Power**
220 ± 10 %, 50 Hz ± 5 %
- **Voltage Distortion**
≤ 5 %
- **Output Voltage**
0 ~ 100 kV
- **Ramp**
2 kV/sV ± 10 %
- **Measurement Accuracy**
1 %
- **Preset Ranges**
Run number: 1 ~ 9
Stirring time: 0 ~ 99 s
Static time: 0 ~ 999 s
- **Environmental Conditions**
Temperature : -5 ~ +40
Humidity : ≤ 85 % RH
- **Dimension**
L × B × H : 440 × 330 × 305 mm
- **Weight**
Total Weight : 30 kg