

Oxidation Stability of Mineral Insulating Oil

ATGA-OXST-I



Standard Method

- ASTM BS 148, according to D2440, IEC 61125 C



Test Method

- Determines oxidation stability of mineral transformer oils by measuring the amount of sludge and acid formed under prescribed accelerated aging conditions.



Technical Specifications

- Stainless steel structure
- Aluminum block bath dry model with 10 test positions accepting BS 148, ASTM D2440 or IEC 61125 C test glass tubes
- 10 float in tube flowmeters and precision control valve delivering oxygen at 0.15 ± 0.015 L/hr (BS 148)
- 4*400w heating element for heating the samples
- Temperature control to 120 ± 0.5 °C
- Temperature regulation by digital thermoregulator PID with PT100 probe class A and over temperature alarm
- Teste duration determined with digital Programmable timer (1 second to 999 hours).
- Dimensions: 45*40*35 cm
- Weight: 25kg
- Voltage: 220V \pm 10%, frequency: 50Hz \pm 1Hz



Hydrocarbon
Insulating
Liquids

Mineral
Insulating
Oil

New Oil



Accessories:

- air reducer
- copper catalyst
- bubble flowmeter
- digital soap bubble flowmeter
- wire coiling mandrel
- digital stopwatch
- drying tower
- filtering crucibles
- glassware

Safety Features

- Operator and equipment are protected by an over-temperature control circuit which automatically interrupts power to the unit should block temperature exceed the programmed cut-off point.

- **SIMPLE WORKING**
- **ALUMINUM BLOCK BATH DRY MODEL WITH 10 TEST POSITION**
- **HIGH ACCURACY & SAFETY**

Spare part list:

Item	Part Number	Description
1	OXST-SP110	4*400w Heater
2	OXST-SP111	Thermocouple PT1000
3	OXST-SP112	Temperature Controller Model: AUTONICS TC4S
4	OXST-SP113	Temperature Sensor pt100
5	OXST-SP114	Over Temperature Controller
6	OXST-SP115	Digital Timer Mode: LE7M-2 / AUTONICS
7	OXST-SP116	Air Flowmeter
8	OXST-SP117	Air Dehumidifier
9	OXST-SP118	Oxidation Tubes
10	OXST-SP119	Silica Gel
12	OXST-SP120	Calcium Chloride
13	OXST-SP121	Copper Catalyst Coils
14	OXST-SP122	Start/Stop Switch
15	OXST-SP123	Fuse



