



*Transparent Testing &
Simplified Measurement*

AUTOMATIC OIL TAN DELTA TEST SYSTEM SBE - OTD AUTO





TECHNICAL SPECIFICATION

- Tan Delta & Volume Resistivity.
- Test Voltage : 0 to 600 V AC
- Accuracy : $\pm 1.0\%$, ± 1 Volt
- Resolution : 1 Volt
- Dielectric Constant Range : 1.0 to 20.0
- Dielectric Tan Delta Range : 0.01 % to 200 %
- Accuracy : $\pm 1\%$, $\pm 0.05\%$
- Resolution : 0.01%

RESISTANCE & RESISTIVITY

- Test Voltage : 500 VDC
- Resistance Range : $10^6 - 10^{10}$ OHM
- Resistance Accuracy : $\pm 3\%$ of reading up-to 1 GOHM & $\pm 10\%$ at High End.
- Resistivity Range : Max 109×10^{12} Ohm-cm.

THREE TERMINAL OIL CELL

- Construction : 3 Terminal Configuration.
- Cell Capacitance : 55 pF ± 1 pF
- Material : Stainless Steel with Teflon Spacers.
- Electrode Spacing : 2 mm
- Volume : 45 ml

SPECIFICATION

- Power Supply : 230 V AC $\pm 10\%$, 50 Hz
- Operating Temp : -10° C to 50° C
- Humidity : Ambient to 90% RH

STANDARD CALIBRATOR (OPTIONAL)

Capacitance 1 Value, Tan Delta 3 Value, & Resistivity 4 Value standard calibrator with traceable calibration certificate operating voltage 500 V AC/DC.

APPLICATION FIELD

- Insulation Oil
- Liquid / Semi Liquid Insulation
- Petroleum Jelly

PARAMETERS

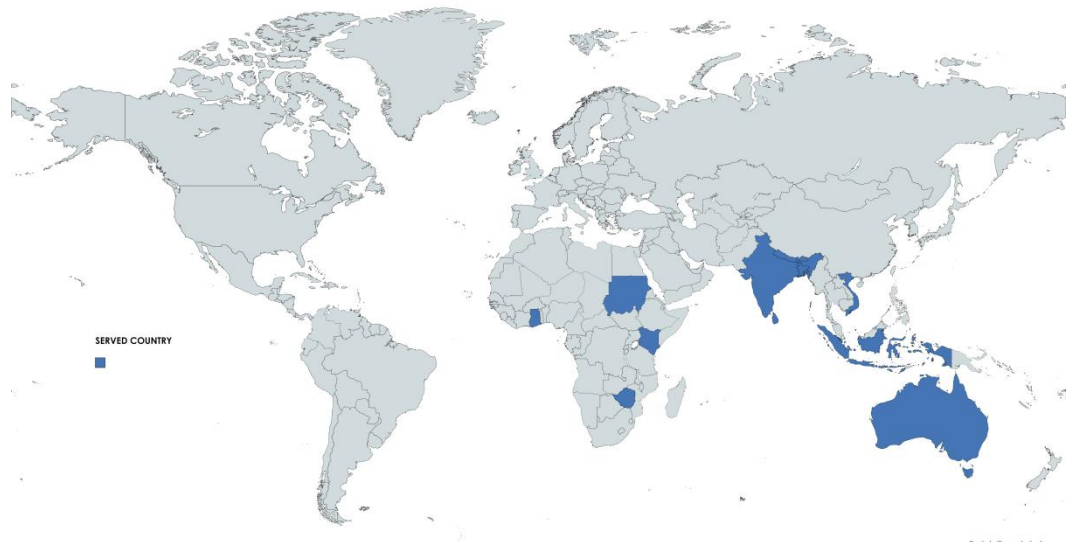
- TAN DELTA.
- Dielectric Constant
- Volume Resistivity

OIL CELL HEATER

- Power Supply : 230 V AC $\pm 10\%$, 50 Hz
- Test Temperature : 25° C to 110° C
- Accuracy: $\pm 1^\circ$ C
- Over Shoot : $\pm 2^\circ$ C



OUR PRODUCT IS SERVING THROUGHOUT THE GLOBE



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