

APPLICATION

Insulation Oil
Liquid / Semi Liquid Insulations.
Petroleum Jelly

PARAMETERS

Tan Delta
Dielectric Constant
Volume Resistivity



RESISTANCE & RESISTIVITY

Test Voltage DC : 500 VDC
Resistance Range : 10 -10 T Ohm
Resistance Accuracy : $\pm 3\%$ of reading upto 1GOhm
& $\pm 10\%$ at high end.

OIL CELL HEATER

Power Supply : 230VAC $\pm 10\%$, 50Hz.
Test Temperature : Room Temp. To 110 °C
Accuracy : $\pm 1^\circ\text{C}$
Over Shoot : $\pm 4^\circ\text{C}$

GENERAL SPECIFICATIONS

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

TECHNICAL SPECIFICATION

Tan Delta & Volume Resistivity
Test Voltage 0 to 600 V AC
Accuracy : $\pm 1.0\% \pm 1$ Volt,
Resolution : 1 Volt
Test Frequency : 50Hz
Dielectric Constant Range : 1.0 to 20.0 accuracy ± 1
Resolution : 0.01
Dielectric Tan Delta Range : 0.01 % to 200%
Accuracy : $\pm 1\% \pm 0.05\%$
Resolution : 0.01
Dielectric Loss : 0 to 10.00
Accuracy : $\pm 1\% \pm 1$ digit

THREE TERMINAL OIL CELL

Construction : 3 Terminal Configuration
Cell Capacitance : 55pF $\pm 1\text{pF}$
Material : Stainless Steel with Teflon spacers.
Electrode Spacing : 2mm
Volume : 45 to 55ml

Standard Calibrator (Optional)

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

