

Oil Test Cell & Oil Test Cell Heater



OIL TEST CELL

This 3 terminal Oil Test Cell is a separate unit and can be cleaned and dried independently. The Oil Cell can be kept outside and the test sample can be poured into the cell thereby eliminating oil spillage into the Heater unit.

The Cell is designed for routine and laboratory tan delta test set on transformer oils and other electrical insulating liquids. The Cell is easy to dismantle, clean and heat for carrying out continuous measurements.

Teflon spacers –The Cell uses Teflon spacers which are very rugged and durable. They are easier to remove, clean and re-assemble.

SPECIFICATIONS:

Construction	: 3 terminal configuration.
Material	: Stainless steel 316 with Teflon spacers.
Cell Capacitance	: 50-70pF
Cell Electrode Spacing	: 2 mm
Volume	: 60ml
Dimension	: 90mm X 195mm
Maximum test voltage	: 2.4kV AC & 1kV DC
Weight	: Approx. 2.5Kgs.



OIL TEST CELL



OIL TEST CELL HEATER

OIL TEST CELL HEATER OCH-85

The Oil Test Cell Heater OCH-85 is a very compact unit and is used to heat the oil in the cell to the required temperature. This uses high frequency induction heating which raises the temperature to 90° C in 15 mins approximately. A knob and a dial are provided to set the temperature at required level. A temperature sensing probe is supplied and this senses the temperature and stops heating the oil once the set temperature is reached. Two LEDs are provided to indicate 'heating on' and 'heating off'. To ensure safety the built-in micro switch interlock automatically trips out the high voltage when the plexi cover of the heater is raised. The Heater uses very high sensitive temperature probe and provides an accurate measurements as stipulated in the Oil testing standards.

SPECIFICATIONS

Power Supply	: 230V AC \pm 10%, 50Hz OR 110VAC \pm 10%, 60Hz, 200VA
Temperature Range	: ambient temperature -110°C
Accuracy of Temperature Control	: \pm 2°C
Dimension	: 230 x 258 x 314 mm
Weight	: Approx. 5.5 Kgs W/o Cell



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Etel Industries – Calibration Laboratory (including on-site calibrations) is NABL-ACCREDITED in electro-technical discipline in accordance to ISO/ IEC:17025/2005.

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(Specifications subject to change without notice)