

# AUTOMATIC OIL CELL HEATER WITH AUTO DRAIN CELL



**AOCH PLUS**

- Integrated with an Auto Drain facility.
- Improvement in testing efficiency for continuous operation.
- Eliminates need to remove the Oil Cell & pour out the hot oil; thereby reducing Operator time.
- Avoids hot oil spillage.
- Easy & quick cleaning with only three parts for dismantling and reassembly.
- Quick discharge of oil.
- Eliminates frequent cleaning of the Oil Cell.
- Heating of oil sample from ambient to 100°C within 15 minutes.

Etel Industries are pioneers in the design & manufacture of Automatic Di-Electric Constant, Tan Delta & Resistivity Test sets for Transformer Oils & other Liquid Insulates. Over 200 Test sets are in operation in India & worldwide for two decades now.

Oil Testing procedures, stipulate careful handling of the Oil Cell & Oil sample. This includes dismantling the Oil Cell, thoroughly cleaning, heating, drying, re-assembling & meticulously placing it back inside the Heater to commence the next testing procedure. Customers who have large testing volumes, need to have multiple Oil Cells to ensure that their testing is continuous & un-interrupted.

Our indigenously designed **AOCH Plus** addresses these specific issues by reducing the testing time & improving efficiency of testing. The software discharge operation provides complete draining of the oil from the Cell. A high quality, low pressure discharge pump with minimum noise ensures quiet operation. It drains out the traces of oil on the Teflon rings with high efficiency. A timer controlled silent motorized valve completes the draining of the oil in under 10 seconds. The Cell can then be thoroughly rinsed a few times with a new oil sample & the next testing sequence can commence.

The specially designed discharge oil outlet pipe on the side panel, which could be connected to any external container, ensures that there is no leakage of oil at any point of time. The **AOCH Plus** is fully electrically isolated. All operator controls are at ground potential.



## ADTR 2K PLUS with AOCH PLUS

The temperature settings & all other test parameters/sequences can be entered & controlled from the ADTR2K Plus Test Set. Other than a Power ON, HV ON & Heater ON indicators, there are no other controls on the **AOCH Plus**.

## SPECIFICATIONS

### POWER SUPPLY:

230 VAC  $\pm$  10%, 50 Hz, 215VA or  
110 VAC  $\pm$  10%, 60 Hz, 215 VA

### TEMPERATURE RANGE:

20°C - 110°C

### VOLUME OF OIL: 100ml

### ACCURACY OF TEMPERATURE CONTROL: $\pm 0.5^\circ\text{C}$

### DIMENSIONS:

280 x 400 x 400mm (L x B x H)

### DIMENSIONS WITH PACKING:

610 x 435 x 635mm (L x B x H)

### WEIGHT: < 20kgs with Oil Cell

### PACKED WEIGHT: < 32 Kgs with Oil Cell



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Etel Industries, established in 1983, is a market leader in the development and manufacturing of test instruments for electrical power industries and utilities. **We are pleased to announce the NABL-accreditation of the Etel Industries – Calibration Laboratory (including on-site calibrations) in electro-technical discipline in accordance to ISO/ IEC:17025/2005.**

An ISO 9001-2015 Certified Company

(Specifications subject to change without notice)