



# Oil/Liquid Temperature Calibrator

## Model No. EO-25X



**Easy to Carry,  
Portable  
Ergonomic  
Design**

**High Precision  
Best in class  
Thermal Stability &  
Uniformity**

**Large Oil  
Reservoir &  
Opening to handle  
calibration of  
odd shaped  
sensors**

**Range: -25 °C to 100 °C**



# **Oil/Liquid Temperature Calibrator**

## **Model No. EO-25X**

**A world class  
premium product,  
Best in its class to  
catter calibration of  
all kinds of  
temperature  
sensor**

### **Technical specification**

- 1) Temperature Range: -25°C to 100°C @ 25 °C
- 2) Display Resolution: 0.1 Deg C.
- 3) Control accuracy: Better than  $\pm 0.1$  °C
- 4) Thermal in-stability:  
 $\pm 0.07$  °C @-25°C (after stabilization time of 15 minutes).  
 $\pm 0.08$  °C @100 °C (after stabilization time of 15 minutes).
- 5) Thermal Non-uniformity (Radial):  
 $\pm 0.08$  °C ( after stabilization time of 15 minutes)
- 6) Thermal Non-uniformity (Axial):  
 $\pm 0.09$  °C ( after stabilization time of 15 minutes)
- 7) Stabilization Time/settling time: 15 minutes after set point is achieved.
- 8) Time to reach to 100 °C from ambient temperature: 30 minutes.  
Time to reach to -25 °C from ambient temperature: 50 minutes.
- 9) Power supply: 230 VAC @50-60 Hz.
- 10) Current : 6A Max.
- 11) Power Consumption: single phase ,1250 Watt maximum.
- 11) Oil vessel capacity: 0.8Liter 5Cst.(Silicon Oil).  
Oil Vessel Dimesions: Depth 150mm , Dia: 60mm
- 12) Sound: Less than 50 dB
- 13) Enclosure Metal(MS) Powder Coated
- 14) Weight: 22 Kg without oil.

### **Satandard Accessories**

- 1) Operating manual With Warranty certificate and general factory Calibration Certificate.
- 2) Power Chord.
- 3) Silicon Oil 5 CST.0.8 liters (optional if orderd.)
- 4) 17025 Accredited Calibration Certified( NA If not ordered saperatly).
- 5) Carry bag( optional if ordered)

#### **Note:**

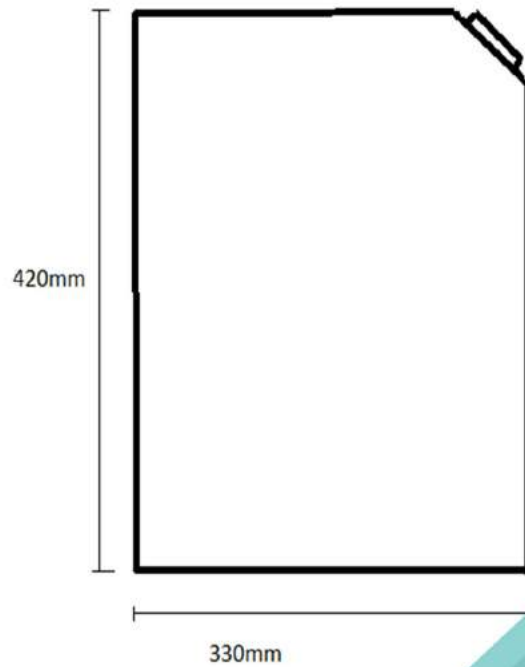
- 1) Stability is calculated as the best data for the period of two minutes after stablization, the reported value is Sigma( $\sigma$ ), 120 samples taken for the calculation.
- 2) Temperatures above 120 deg C causes fumes which gradually increases with respect to temperature so a exhaust blower is highly recommended to install. Fumes causes serious burning and irritation to eyes



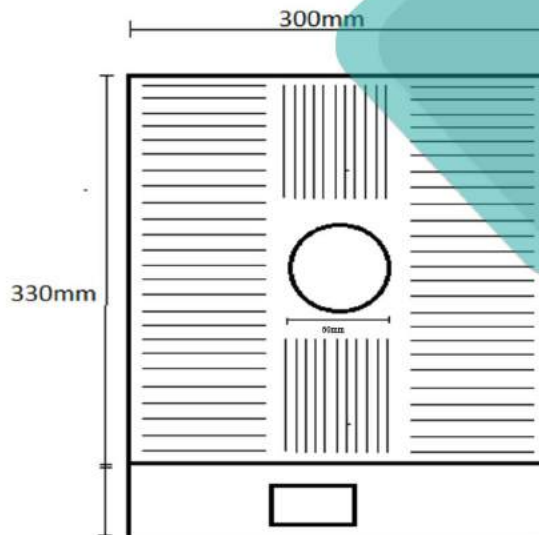
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### Dimensions



**Side View**



**Top View**