



Infrared Calibrator

Model : EDIR-500

A front liner Product to calibrate Infrared Thermometers, Infrared Sensors

Special Features

- 1) Compact and light weight, Easy to carry.
- 2) High depth to dia meter ratio (Cavity type to enable calibration with lesser uncertainties.
- 3) Excellent thermal stability.
- 4) Additional provision(optional) for connecting extra reference thermocouple.
- 5) Covers wide operating range to cater higher calibration work load.



Technical Specification

- 1) Temperature Range: 50 to 500 °C.
- 2) Display resolution 0.1 °C
- 3) Control accuracy: better than ± 0.1 °C
(It is difference between set value and achieved value.)
- 4) Thermal stability
 ± 0.1 °C upto@500 °C (calculated after stabilization time of 10 minutes).
- 5) Power supply: 230 VAC @50-60 Hz.
- 6) Time to reach 50° C to 400°C (25 Minutes).
Time to reach 50° C to 500°C (50 Minutes).
- 7) Stabilization Time/settling time: 10 minutes after set point is achieved
- 8) Emissivity: 0.95
- 9) Power Consumption: single phase , 1200 Watt maximum.
- 10) Current : 5A
- 11) Sound: 20 dB Maximum.
- 12) Enclosure Metal: Aluminium.
- 13) Weight: 5 kg without carry bag.
- 14) Dimensions: L: 291mm, H: 151mm, W: 252mm.
- 15) Thermal IR Cavity : Depth: 49 ± 2 mm
Dia : 35 ± 0.5 mm

Standard Accessories

- 1) Operating manual With Warranty certificate.
- 2) Power Chord.
- 3) Carrying Bag(optional if orderd)
- 4) Calibration Certificate.(Not accredited to 17025)
- 5) K type thermocouple accuracy class 1 for referance temperature measurement (optional if orderd).