



Infrared Flat Plate/Black Body Calibrator

Model : EDIR-20X

A front liner Product to calibrate Infrared Thermometers, Body Infrared Thermometer Infrared Sensors.



Special Features

- 1) Compact and light weight, Easy to carry.
- 2) Large flat plate diameter to enable Calibration from larger and safe distance.
- 3) Excellent thermal stability and thermal uniformity.
- 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: -20 to 100 °C @ 25 °C
- 2) Display resolution 0.1 °C
- 3) Control accuracy: better than ± 0.1 °C
- 4) Thermal Non uniformity(Radial) : ± 0.35 °C (Applicable for 40 mm dia)
- 5) Thermal stability
 ± 0.1 °C @ -20 °C (calculated after stabilization time of 10 minutes).
 ± 0.25 °C @ 100°C (calculated after stabilization time of 10 minutes).
- 6) Power supply: 230 VAC @50-60 Hz.
- 7) Time to reach -20° C from ambient (20 Minutes).
Time to reach 100° C from ambient (15 Minutes).
- 8) Stabilization Time/settling time: 10 minutes after set point is achieved
- 9) Emissivity: 0.95
- 10) Power Consumption: single phase , 300 Watt maximum.
- 11) Current : 3A
- 12) Sound: 45dB Maximum.
- 13) Enclosure Metal(MS) Powder coated.
- 14) Weight: 10.14 kg without bag.
- 15) Dimensions: D: 265mm, H: 300mm, W: 225mm.

Satandard Accessories

- 1) Operating manual With Warranty certificate
- 2) Power Chord.
- 3) Carrying Bag(optional if orderd)
- 4) Calibration Certificate.(Not accredited to 17025)
- 5) 17025 accredited calibration certificate(optional if orderd).
- 6) RTD PT 100 accuracy class A for referance temperature measurement (optional if orderd).