

# INFRARED BLACK BODY CALIBRATOR

MODEL : BCAL 502



## Features

- ✓ 4+4 Digit 7 segment LED Display
- ✓ Range from 50 to 500°C
- ✓ Resolution 0.1°C
- ✓ Accurate better than  $\pm 0.5@100^{\circ}\text{C}$ ,  $\pm 1.8@500^{\circ}\text{C}$
- ✓ Stable to  $\pm 0.2^{\circ}\text{C}$
- ✓ Portable & Rugged

## Technical Specifications

Model	BCAL 502
Display	4+4 Digit 7 segment LED Display
Temperature Range	50 to 500°C
Resolution	0.1°C
Stability	$\pm 0.2^{\circ}\text{C}$
Uniformity in aperture area	$\pm 0.5^{\circ}\text{C}@50^{\circ}\text{C}$ , $\pm 1.7@250^{\circ}\text{C}$ , $\pm 2.5@500^{\circ}\text{C}$
Heating time ( to max )	40 minutes
Cooling time ( to max )	40 minutes to 100°C
Power supply	230V AC $\pm 10\%$ / 50Hz (optional 110V AC)
Power Consumption	500 VA
Aperture area	25mm
Emissivity	0.950
Instrument Weight	4.5 kg

Note: Due to continuous product improvements, Published specifications may change with out notice

### Standard Delivery

1. Basic Instrument
2. Traceable Calibration Certificate
3. Spare Fuses
4. Instruction Manual
5. Mains Card

### Optional

1. Carrying Case
2. 110V AC 60Hz Power supply

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## SANSSEL INSTRUMENTS AND CONTROLS SANSSEL CALIBRATION LABORATORIES

ISO/IEC 17025 Accredited Calibration Laboratory by NABL CC - 2879

( Thermal, Mechanical, Electro-Technical, Dimension Parameters )

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