

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. Spare Fuses
3. Instruction Manual
4. Mains Card

Optional

1. Carrying Case
2. 110V AC 60Hz Power supply
3. ISO/IEC 17025 Accredited calibration certificate

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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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