

Black Body Sources

Black Body Calibration Sources

*Table-top / Bench-top Version
for Very High Temperatures
(upto 1300°C)*

Basic Accuracy : Better than 3°C

For Non-contact Pyrometer Calibration

Model

CN-THT

- Excellent Accuracy & Stability
- Auto-tune PID Controller
- Cost effective – Best value for Money
- Optional RS-232 Interface & Calibration Software



P.T.O

SPECIFICATIONS

Models	CN-THT
Range	500°C to 1300°C
Accuracy	Better than 3°C
Stability	±0.5°C
Resolution	1°C
Temperature Control	Auto-tune PID Controller
Heating time (to max.)	45 Minutes
Stabilization time	20 minutes (above 75°C)
Temperature Readout	°C / °F selectable
Emissivity	0.99
Aperture size	Ø 25 mm
Power Supply	230V AC / 50 Hz / 3000 W
Dimension	500 X 515 X 440 (W x D x H)
Weight	45 Kgs
Housing / Mounting	Bench-top / Table-top

STANDARD DELIVERY

- Basic Instrument & Mains Cable
- Spare Fuses
- Traceable Calibration Certificate
- Instruction Manual

OPTIONAL

- RS-232 Computer Interface
- Caltemp Calibration Software
- Contact Thermocouple (to measure cavity temperature)
- Thermocouple holding stand
- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory

PRISMA
Instruments
& Gauge Bourdon France



Specifications subject to change owing to continuous development

May 2011