



T-500PIR

Infrared Thermometer Calibrator

- Generates temperatures from ambient to 500 °C.
- Quickly changes and stabilizes the temperature setpoints.
- Target with high homogeneity surface.

NEW!!

Using your cell phone or Android device with our Andromeda application, connected to the T-500PIR through Bluetooth, you can easily set-up the right compensated temperature of the T-500PIR black body following the Sakuma-Hattori equation. If you need to calibrate an IR thermometer with a different emissivity, it will automatically set-up the right temperature of the black body source.

| Technical Specification | | T-500PIR | |
|--|---|---|--|
| Operating Range ambient temperature: 23 °C | | ambient to 500 °C | |
| Accuracy | internal reference with external thermometer | ± (0.4 °C + 0.1% of reading) | |
| Resolution: | | ± 0.2 °C | |
| Stability: | | ± 0.01 °C | |
| Target Size: | | ± 0.2 °C | |
| Target Emissivity (ε): | | 80 mm | |
| Heating Time: | | 0.95 ± 0.01 | |
| | | 30 min (50 °C to 500 °C) | |
| Target Uniformity: | | ± 0.50 °C | |
| Cooling Time: | | 30 min (500 °C to 100 °C) | |
| Weight: | | 5,2 kg | |
| Power Supply: | | 110 or 220 Vac, 50/60Hz | |
| Electric Power: | | 1000 W | |
| Units / temperature Scales: | | °C or °F / IPTS-68 or ITS-90, user selectable | |
| Display: | | Graphic vacuum fluorescent with contrast adjustment | |
| Dimensions: (HxWxD) | | 260 x 180 x 270 mm | |

Order Code

T-500PIR - [] - []

Power Supply

- 1 - 110 Vac
- 2 - 220 Vac

Reference Thermometer

- 0 - No Reference Thermometer
- 1 - SPRT Din Reference sensor

Serial Communication: Modbus® RTU Protocol (RS-232/ RS-485).

Included Items: carrying case, manual, power cord and Bluetooth Interface.

Optional Accessories:

Communication Interface - Order Code: 06.02.0002-00.