



T-500PIR

Infrared Thermometer Calibrator

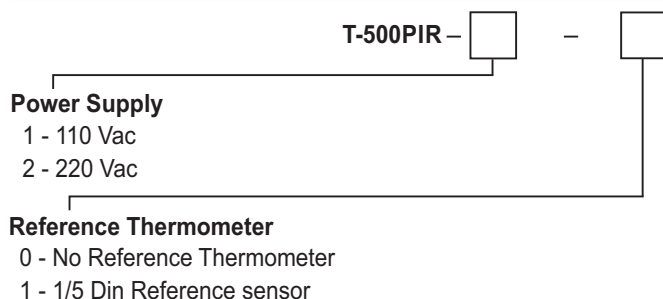
- Generates temperatures from ambient to 500 °C.
- Quickly changes and stabilizes the temperature setpoints.
- Target with high homogeneity surface.

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	$\pm (0.4 \text{ °C} + 0.1\% \text{ of reading})$	
	with external thermometer	$\pm 0.2 \text{ °C}$	
Resolution:		$\pm 0.01 \text{ °C}$	
Stability:		$\pm 0.2 \text{ °C}$	
Target Size:		80 mm	
Target Emissivity (ε):		0.95 ± 0.01	
Heating Time:		30 min (50 °C to 500 °C)	
Target Uniformity:		$\pm 0.50 \text{ °C}$	
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



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

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

Optional Accessories:

Communication Interface - Order Code: 06.02.0002-00.