PRESYS

## -30 ºC to 150 ºC




# T-30NIR
## Infrared Thermometer Calibrator

- Generates temperatures from -30 ºC to 150 ºC.
- It can be used with an external reference sensor (1/8" or 3mm, support of CVD parameters).
- Includes a front cover and a connection for dry air blowing on the target edges which prevents the ice formation.

### NEW!!

Using your cell phone or Android device with our Andromeda application, connected to the T-30NIR through Bluetooth adapter, you can easily set-up the correct compensated temperature of the T-30NIR black body following the Sakuma-Hattori equation. If you need to calibrate an IR thermometer with a different emissivity, it calculates the correct temperature of the black body source.

| Technical Specification | T-30NIR |
|---|---|
| **Operating Range** ambient temperature: 23 °C | -30 °C to 150 °C |
| **Display Accuracy internal reference** | ± 0.4 °C |
| **external reference** | ± 0.1 °C |
| **Resolution:** | ± 0.01 °C |
| **Stability:** | ± 0.1 °C |
| **Target Size:** | 80 mm<br>40 mm with gas inflator device |
| **Target Emissivity (ε):** | 0.98 ± 0.01 |
| **Heating Time:** | 18 min (25 °C to 150 °C) |

| | |
|---|---|
| **Target Uniformity:** | ± 0.50 °C |
| **Cooling Time:** | 25 min (25 °C to -30 °C) |
| **Weight:** | 7.5 kg |
| **Power Supply:** | 110 or 230 Vac, 50/60Hz |
| **Electric Power:** | 300 W |
| **Units / Temperature Scales:** | °C or °F / IPTS-68 or ITS-90, user selectable |
| **Display:** | OLED Graphic |
| **Dimensions: (HxWxD)** | 328 x 187 x 256 mm |

### Order Code

**T-30NIR** – ☐ – ☐

**Power Supply**
1 - 110 Vac
2 - 230 Vac

**Reference Thermometer**
0 - No Reference Thermometer
1 - Pt-100 Class A Sensor

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

**Included Items:** carrying case, straps, cover, gas inflator device, brush to remove ice, manual, power cord and Bluetooth Interface.

**Optional Accessories:**
Communication Interface - Order Code: 06.02.0002-00.

PRESYS®

MANAGEMENT SYSTEM TÜVRheinland Brasil NBR ISO 9001 QUALITY

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