



EXTECH 42560-NIST IR Thermometer with Wireless PC Interface Instructions

[Home](#) » [EXTECH](#) » EXTECH 42560-NIST IR Thermometer with Wireless PC Interface Instructions 

Contents

- [1 EXTECH 42560-NIST IR Thermometer with Wireless PC Interface](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 INSTALLATION](#)
- [5 Features](#)
- [6 Ordering Information](#)
- [7 Specifications](#)
- [8 Documents / Resources](#)
- [9 Related Posts](#)



EXTECH 42560-NIST IR Thermometer with Wireless PC Interface



Product Information

The IR Thermometer with Wireless PC Interface is a versatile temperature measuring device that allows for contact and non-contact temperature measurements. It comes with a wireless USB interface that transmits temperature data to a PC for further analysis. The package includes PC software and accessories to enhance the user experience.

Key Features

- PC software included for data analysis and visualization
- Type K input for contact measurements
- Tripod included for continuous measurement using the lock feature

Ordering Information

- 42560 – InfraRed Thermometer w/ Wireless PC Interface
- 42560-NIST – InfraRed Thermometer w/ Wireless PC Interface and NIST (National Institute of Standards and Technology) certification
- TR100 – Spare Tripod (for meters with Tripod mount feature)

Product Usage Instructions

1. Install the PC software included in the package on your computer.
2. Turn on the IR Thermometer by pressing the power button.
3. If you want to perform contact measurements, connect a Type K probe to the input port of the thermometer.
4. Aim the thermometer towards the target object or surface to be measured.
5. Press the measurement button to take a non-contact temperature reading.

6. If continuous measurement is required, attach the included tripod to the thermometer using the lock feature.
7. Ensure that the wireless USB interface is plugged into your computer's USB port.
8. The temperature data will be automatically transmitted to the PC software for analysis and visualization.
9. Refer to the PC software user manual for detailed instructions on data analysis and customization options.

Note: Specifications mentioned in the user manual are subject to change without notice. For the most up-to-date information, visit the official website at www.extech.com.

INSTALLATION

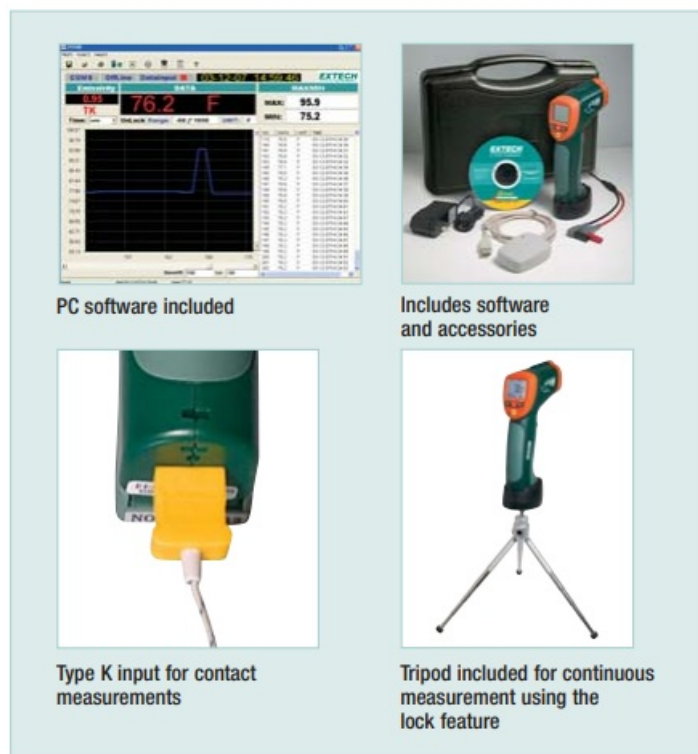
IR Thermometer with Wireless PC Interface

Wireless USB interface

Transmits temperature data to a PC

Features

- Wide-range non-contact IR thermometer
- High 30:1 distance-to-target ratio
- Manual/Automatic emissivity using type K probe for measurements on surfaces
- High/Low set points with audible alarms
- Lock function for continuous measurements
- Built-in memory with recall for 20 readings
- Place a meter on the Base to transmit continuous readings to the Remote Receiver connected to a PC via a USB cable
- MAX/MIN/AVG/DIF functions
- Built-in laser pointer improves aim
- Data Hold, Auto power off with disable function, low battery indication, 1mV/°F analog output
- Includes Tripod for tripod mounting
- Complete with Transmitter Base with tripod mount, Remote Receiver with USB cable, type K probe, tripod, analog output cable, PC software, 9V battery, 100-240VAC adaptor, and hard carrying case.



PC software included

Includes software and accessories

Type K input for contact measurements

Tripod included for continuous measurement using the lock feature

Ordering Information

- **42560**InfraRed Thermometer w/ Wireless PC Interface
- **42560-NIST**InfraRed Thermometer w/ Wireless PC Interface and NIST
- **TR100**Spare Tripod (for meters with Tripod mount feature)


Specifications

IR Range	-58 to 1922°F (-50 to 1050°C)
Type K Range	-58 to 2498°F (-50 to 1370°C)
Basic Accuracy	IR: $\pm 2\%$ or $\pm 4^\circ\text{F}/2^\circ\text{C}$ Type K: $\pm 1.5\% \pm 5^\circ\text{F}/3^\circ\text{C}$
Max. Resolution	0.1°F/°C
Emissivity	0.1 to 1.00 Adjustable
Field of View (Distance to Target)	30:1
Power	9V battery; AC adaptor for Base
Dimensions	3.9 x 2.2 x 9" (100 x 56 x 230mm)
Weight	10.2oz (290g)

Specifications are subject to change without notice.

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Documents / Resources

 The image shows the front cover of the instruction manual for the Extech 42560-NIST IR Thermometer. The cover features the Extech logo at the top left, followed by the product name '42560-NIST IR Thermometer with Wireless PC Interface'. Below this, there is a list of features and specifications, and a small photograph of the thermometer itself. The thermometer is a handheld device with a red and black body and a long, thin laser pointer at the end.	<p>EXTECH 42560-NIST IR Thermometer with Wireless PC Interface [pdf] Instructions 42560, 42560-NIST, TR100, 42560-NIST IR Thermometer with Wireless PC Interface, 42560-NIST, IR Thermometer with Wireless PC Interface, Thermometer with Wireless PC Interface, Wireless PC Interface, PC Interface, Interface</p>
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