Model	Order Code
TempTest Blue	292-910
TempTest 2 Blue	292-857

SPECIFICATIONS

Range	–58 to 572°F (–49.9 to 299.9°C)
Accuracy	±0.7°F (±0.4°C) from –58 to 392°F (–49.9 to 199.9°C) otherwise ±1.8°F (±1.0°C)
Response	2-3 sec. (reads to within 1°F of final temperature of an ice bath in 3 sec.)
Resolution	0.1°
Battery	2 x AAA / 1,000 hours
Sensor Type	High-performance Type K thermocouple
Connection	Requires Bluetooth 4.1 or above
Probe	0.125 dia. x 4.3 L inches (3.3 dia. x 109 L mm) with reduced tip to 0.06 dia. inches (1.5 dia. mm)
Water Resistance	IP67
Wireless Comm.	Bluetooth 4.0
Environmental Range	–4 to 122°F (–20 to 50°C)
Dimensions	4.7 H x 1.9 W x 0.7 D inches (120 H x 47 W x 17 D mm)
Weight	3.7 oz. (105 g)
Calibration	NIST-traceable certificate included

RADIO CERTIFICATIONS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- *Reorient or relocate the receiving antenna.*
- *Increase the separation between the equipment and receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- *Consult the dealer or an experienced radio/TV technician for help.*

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

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ThermoWorks

TempTest™ Blue Thermometer & TempTest™ 2 Blue Thermometer

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Operating Instructions

INSTRUMENT OPERATION - The instrument is switched on by pressing the Transmit button. The instrument takes approximately 2 seconds to start up. After this the temperature is displayed and the instrument continues to measure at its set measurement rate (default 1 second).

The instrument is now ready for a *Bluetooth*® connection to a smart device, but can be used without a wireless connection.

Apply the tip of the probe to the substance, medium or surface to be measured. The sensor is located at the tip of the probe, therefore the minimum depth insertion should be 0.12" (3 mm).

The probe tip is very sharp and can remain hot therefore caution should be taken when using.

CONNECTION - Use a Bluetooth® enabled iOS or Android™ host device with compatible app installed to connect to the instrument. When connecting/disconnecting, the instrument's amber light flashes rapidly 5 times.

Please Note: No readings are stored in the instrument. When not connected, the instrument can still be used. Readings are taken and displayed every 1 second.

TRANSMIT BUTTON FUNCTIONS:

- On – Press to switch the instrument on.
- Measure/Transmit – Press to measure temperature and transmit result via Bluetooth wireless technology (if connected).
- Off – hold down for 3 seconds to switch the instrument off.

LCD INDICATIONS

The LCD automatically rotates to indicate temperatures at the angle the instrument is being held.

 - Indicates a low battery level – see Battery Replacement section.

- 'Hi' – temperature reading is above 572°F
- 'Lo' – temperature reading is below –58°F
- 'AHi' – instruments ambient is above 122°F
- 'ALo' – instruments ambient is below –4°F
- 'Err' – sensor fault or open circuit

LED INDICATIONS

The instrument has an amber light located just above the LCD to indicate Bluetooth connection status:

- 5 rapid flashes indicate when connecting or disconnecting.
- A single flash every 10 seconds indicates you are still connected.
- When connected and the Transmit button is pressed, a single flash indicates that the temperature has been transmitted via Bluetooth wireless technology.

SETTINGS - Adjustable via the app and include: °C or °F, Measurement Interval, Auto-off Interval, Sensor Name, and High/Low Alarm levels. All settings are stored in the instrument and are downloaded to the app on connection.

AUTO-OFF - If the instrument is not connected to a smart device or the Transmit button is not pressed within the set Auto-off interval (default 10 minutes) then it will switch off.

BATTERY REPLACEMENT - The low battery symbol will indicate when the batteries need replacing. The instrument continues to measure accurately but it's recommended that the batteries are changed as soon as possible. To replace the batteries, remove the battery cover on the bottom using phillips screwdriver. Replace the 2 x AAA batteries ensuring correct polarities. Replace the cover and tighten to ensure the unit remains waterproof. Do not overtighten. Please note: the battery cover can only be fitted one way.

INSTRUMENT CLEANING - Clean the entire probe shaft with a probe wipe after each use to prevent bacteria growth. Clean instrument body with a damp, soapy cloth and dry thoroughly. ***(NOTE: cleaning wipes and solvents containing Isopropyl Alcohol (IPA) may cause damage to the instrument enclosure and display screen, and will void the warranty)***

GUARANTEE - This instrument carries a two-year warranty against defects in either components or workmanship. During this period, products that prove to be defective will, at the discretion of ThermoWorks, be either repaired or replaced without charge. This warranty does not apply to probes, where a six-month period is offered. Full details of liability are available within ThermoWorks' Terms & Conditions of Sale at www.thermoworks.com/product-warranty.