

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° via remote device
Battery	1 x AAA / 1000 hours
Sensor	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
Operating Range	–4 to 122°C (–20 to 50°C)
Dimensions	1.97 H x 6.2 W x 0.75 D inches (50 H x 157 W x 19 D mm)
Weight	0.26 lbs (120g)
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.



ThermoWorks

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ThermoWorks Thermapen® Blue



Operating Instructions

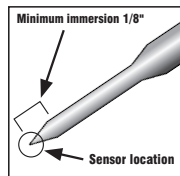
INSTRUMENT OPERATION - The instrument is switched on by unfolding the probe and turned off by folding the probe until fully located into the rubber probe retainer. The probe should not be rotated more than 180 degrees as damage will occur. It is recommended to store the probe in the closed position when not in use. When opening the probe, ThermoMapen Blue will then perform a battery check and flash twice signifying battery level.

Amber - battery ok

Red - battery low

No lights - battery flat

The battery status can also be viewed using HACCP LE on a smart device.



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" (3mm).



The probe tip is very sharp and caution should be taken when using. Care should also be taken when closing the probe after taking hot temperatures, as the probe may remain hot.

CONNECTION - Use a Bluetooth® enabled iOS or Android™ phone or tablet with HACCP LE installed to connect to the instrument. HACCP LE can be downloaded free from the Apple App Store or on Google Play™. Open HACCP LE and connect to the instrument via the Devices screen, use the instrument's serial number to select the correct device from the list. When connecting/disconnecting, the instrument's amber light flashes rapidly 5 times. Once connected, HACCP LE will begin receiving and displaying measurement data.

TRANSMIT BUTTON

MEASURE/TRANSMIT - Press to measure and transmit result via Bluetooth wireless technology (Pressing when connected flashes an amber light).



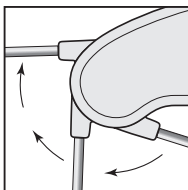
STATUS/TRANSMIT LED - When connected to a phone/tablet an amber LED flashes every 10 seconds or when the button is pressed.

FAULTY PROBE - If the probe has developed an 'open circuit' fault, HACCP LE will display 'Err'.

°C/°F - selectable via the settings screen within HACCP LE.

INSTRUMENT CLEANING - Clean the instrument regularly with an anti-bacterial probe wipe to avoid potential food-borne bacteria growth.

WARNING - IPA and other solvents may cause damage to the case of this instrument.



- Do NOT pry containers, puncture packages, or lift food items with the probe.
- Do NOT expose the thermometer body to temperatures above 122°F (50°C).
- Do NOT expose the tip or probe shaft to temperatures above 572°F (300°C).
- Do NOT stab, jab, or force probe tip into any solid medium. Do NOT force probe tip into frozen food.
- Do NOT allow oils or food to collect on thermometer body. Clean frequently with sanitizing wipe
- If the amber light starts flashing rapidly during startup, ThermoMapen Blue is updating firmware. Please leave the probe open and wait for the rapidly flashing lights to stop before use.

BATTERY REPLACEMENT - To replace the battery (1 x AAA), remove the battery cover with a phillips screwdriver. Remove the battery by gently pulling the battery retaining clip back (do not over extend). Replace the battery, positive end first, before screwing the battery cover back down. Battery cover can only be fitted one way.

Please note: Ensure battery cover is tight against the seal. Do not use excessive force when refitting the battery cover. For further information on changing the battery visit www.thermoworks.com/thermapen-blue.

GUARANTEE - The ThermoMapen includes 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.

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