

SPECIFICATIONS

Range	-328 to 2500°F (-199.9 to 1372°C)
Resolution	0.1°
Accuracy	±0.7°F (±0.4°C) ±0.1% of reading
Battery	3 x AAA, 3,000 hours
Auto-Off	After 10 min. (adjustable in app)
Probe	Type K thermocouple, mini socket
Operating Range	-4 to 122°F (-20 to 50°C)
Display	0.5-inches (12 mm) LCD
Dimensions	5 H x 2.2 W x 1 D inches (128 H x 56 W x 25 D mm)
Weight	4.9 oz. (140 g)
Calibration	NIST-traceable certificate included

ACCESSORIES/RELATED ITEMS



Standard Protective Boot
(THS-830-227)



SST Wall Bracket w/Probe Holder
(THS-832-050)



Rubber Boot w/Probe Holder
(THS-830-255)



Mini-Handle Super-Fast® Type K Thermocouple Probe
(THS-313-158)



ThermoWorks

Therma K Blue Thermometer

With *Bluetooth®* Wireless Technology



CONNECTION

Use a Bluetooth Low Energy iOS or Android™ host device with a compatible app installed to make connections to the instrument. When connected, the Bluetooth® symbol will show in the display.

Please Note:

When not connected the instrument continues to measure using its current settings but no readings are stored in the instrument.

INSTRUMENT OPERATION

Connect a probe via the socket located at the end of the instrument. Apply the tip of the probe to the substance, medium or surface to be measured. The instrument reading may take several seconds to stabilize, depending on the nature of the measurement and sensitivity of the probe.

BUTTON FUNCTIONS



Transfer/On-Off button

ON - Press to switch the instrument on.

OFF - Hold down for 3 seconds to switch off.

MEASURE/TRANSFER - When instrument is turned on press to measure and transfer result via Bluetooth® Wireless Technology (if connected).

SENSORS

Therma K Blue should only be used with Type K (Nickel Chromium/Nickel Aluminium) thermocouple probes (BS EN 60584-1:2013) fitted with miniature Type K thermocouple plugs, where applicable (to BS EN 50212).

SETTINGS

Adjustable via the app 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.

AMBIENT

The ambient operating range is -4 to 122°F.

AUTO-OFF

If the instrument is not connected to Bluetooth within the set Auto-off Interval, it will shut down. This function can be switched off via the app.

OPEN CIRCUIT/FAULTY PROBE

If the probe has developed an 'open circuit' fault or is not present the instrument will display 'Err'.

BATTERY REPLACEMENT

The low battery symbol will indicate when the batteries need replacing. The instrument continues to measure accurately but after further usage the instrument will display 'flat bat' and shutdown. Replace the batteries with three AAA batteries located under the rear cover that is held in place by a single screw. Do not overtighten.

WARNING

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

INSTRUMENT CLEANING

Clean the instrument body regularly with a damp, soapy cloth and dry thoroughly.

Made in the UK



Operating Instructions



ThermoWorks

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PH: 801-756-7700 Fax: 801-756-8948
thermoworks.com

Ref: 547-7301 25.10.24

P-24-011-02-a

PRODUCT WARRANTY

This instrument carries a two-year guarantee 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 guarantee does not apply to sensors/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.

For warranty, service, and technical assistance, please contact ThermoWorks' Technical Support at (385) 330-0591 or email at techsupport@thermoworks.com.

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iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

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.