

5286498 Thermocouple Thermometer with K-Type Probe

Thank you for purchasing a Taylor® Thermocouple Probe Thermometer with K-type Probe. Please read this instruction manual carefully before use. Keep these instructions handy for future reference. Please remember to keep the unit away from children and do not use it for safety related applications.

THERMOCOUPLE PROBE

The K-type thermocouple probe is used to measure internal food temperature quickly and accurately. To use, insert the plug of a K-type thermocouple probe into the thermocouple socket on the unit.

THERMOCOUPLE PROBE FUNCTION

After installing the probe, press the '⏻' (Power) button to turn the unit on. Then simply insert the probe into the food to be measured for a reading. The unit will continuously display temperatures for up to 5 minutes. After that, the unit will automatically shut off to preserve battery life. Or, press and hold the '⏻' button for 3 seconds to turn the unit off manually.

- ⚠ 1. Placing stress on the probe may cause breakage.
- 2. After measuring high temperatures, the probe may remain HOT for a while. Allow the probe to cool before touching.
- 3. Use caution while handling the probe to avoid injury. Keep probe out of reach of children.
- ⚠ The probe may be damaged if used to measure a temperature that exceeds the specification of the measurement temperature range.
- ⚠ To avoid electric shock and thermometer damage, do not measure a live circuit where the voltage exceeds 24V AC RMS or 60V CD with the thermocouple probe.

°F OR °C MODE

To switch between '°F' and '°C', press the '⏻' (Power) button to turn the unit on, then press the "°F/°C" button to switch between temperature scales.

HOLD FEATURE

When the digital display has been stabilized, press the "HOLD" button and the temperature will be held ("Hold" will appear). Press again to release

BACKLIGHT FEATURE

The backlight will activate for 15 seconds when any button is pressed while the units is on.

RECALIBRATION

If recalibration is necessary, suspend probe at least 1" into a 'slush' of crushed ice and water (32° F) for at least 1 minute. Keep the probe from touching the container bottom or sides. Press the "HOLD" button 3 times. "CALu" flashes on the LCD, indicating the thermometer is in calibration mode. The calibration will reset to zero and the thermometer will automatically return to normal temperature measurement.

LCD ERROR MESSAGES

The thermometer incorporates visual diagnostic messages as follows:



'HHH' or 'LLL' is displayed when the temperature being measured is outside of the measurement range.

'Lo' indicates a low battery warning. Replace both batteries at the same time.


"ERR" is displayed when the thermometer is exposed to temperatures exceeding 122°F (50°C). Move the thermometer away from the heat source for at least 2 minutes until "ERR" disappears.

BATTERY INSTALLATION

The thermometer operates on 2 AAA batteries (included).

1. Remove any plastic wrap from the batteries before proceeding.
2. Loosen the screw on the battery compartment cover on the back of the thermometer and remove the compartment.
3. Install 2 "AAA" batteries into the battery compartment according to the "+" and "-" polarity symbols in the battery compartment.
4. Replace the battery compartment cover and tighten the screw.

NOTE: Please recycle or dispose of batteries correctly per local regulations.

 **WARNING:** Batteries may pose a choking hazard. Do not let children handle batteries. Keep batteries away from children. Do not dispose of unit or batteries in fire, as the batteries inside this unit may explode or leak.

STORAGE & CLEANING


Take care when cleaning the thermometer, using only a soft cloth or cotton swab with water or medical alcohol, and allow the thermometer to fully dry before using it. Do not submerge any part of the thermometer. The thermometer should be stored at room temperature between -4 to +140°F (-20 to +60°C).

SPECIFICATIONS

Item	K Type Thermocouple Probe	
Probe Measurement Range	-58 to +662°F (-50 to +350°C)	
Operating Range	-4 to +122°F (-20 to +50°C)	
Resolution	0.1°F/0.1°C (-9.9~199.9°C)	
Probe Response Time	2 seconds	
Probe Accuracy	±1% of reading or 1.8°F (1°C), whichever is greater	
Battery Life	Typically 1 year	
Batteries	2 AAA batteries	
Display	LCD 1.476x1.157 inch (37.5x29.4mm)	
Dimensions	4.488x2.205x 0.688 inch (114x56x17.5 mm)	

EMC/RFI

Readings may be affected if the unit is operated within a radio frequency electromagnetic field strength of approximately 3 volts per meter, but the performance of the instrument will not be permanently affected.

 **DO NOT** keep the unit too close to objects that continuously generate high heat (such as a hot plate) for long periods of time. This may cause the unit to overheat.

CARE AND PRECAUTIONS

1. Always read instructions thoroughly to ensure that you have the full benefit of all the unit's features.
2. Keep thermometer and probe out of reach of all children.
3. **DO NOT** immerse unit in water, as doing so will cause damage to internal components and void the warranty. If you spill liquid on it, dry it immediately with a soft, lint-free cloth. The unit is not dishwasher safe. Damage will void warranty.
4. **DO NOT** clean the unit with an abrasive or corrosive material. This may scratch the plastic parts and corrode the electronic circuits.

5. **DO NOT** subject the units to excessive force, shock, dust, temperature or humidity. This may result in malfunction, shorter electronic life span, damaged battery and distorted parts.
6. **DO NOT** operate or store the unit in high temperature or humidity conditions. The heat or moisture may interfere with the unit's internal components. Store the unit at temperatures between -4 and +140°F (-20 and +60°C).
7. **DO NOT** tamper with the unit's internal components. Doing so will invalidate the warranty on the unit and may cause damage. The unit contains no user-serviceable parts.
8. This unit operates on 2 AAA batteries. Do not dispose of this product or batteries in fire, as batteries inside this product may explode or leak. Always replace both batteries at the same time; do not combine old and new batteries. Do not mix Alkaline, carbon-zinc (standard) or Nickel-Cadmium (rechargeable) batteries.

One Year Limited Warranty

Taylor warrants this product to be free from defects in materials or workmanship for one (1) year (excluding batteries) for the original purchaser from date of original purchase. It does not cover damages or wear resulting from accident, misuse, abuse, commercial use, or unauthorized adjustment and/or repair. If service is required, do not return to distributor. For service, call between 7:30 AM and 4:30 PM, Mountain Standard Time, Monday through Friday. To assist us in servicing you, please have the model number and date of purchase available. Should this product require service (or replacement at our option), please pack the item carefully and return it prepaid, along with receipt showing date of purchase and a note explaining reason for return to:

Taylor Precision Products, Inc.
2220 Entrada del Sol, Suite A
Las Cruces, New Mexico 88001
Customer Service Phone: 1-800-225-4834
Customer Service Fax: 1-575-526-4347
www.taylorusa.com

There are no expressed warranties except as listed above. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

For additional product information, or warranty information outside the USA, please contact us through www.taylorusa.com.

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