ThermoPro
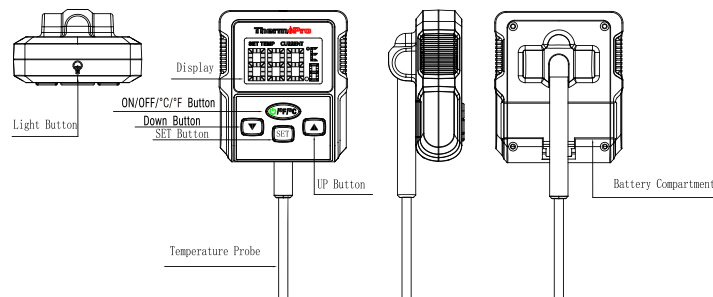
DIGITAL Candy & Frying Thermometer
Instruction Manual

Introduction

Thanks for your purchase of this digital candy & frying Thermometer. You will now be able to make candy and fried food like a Pro!

Light Button
Display
ON/OFF/°C/°F Button
Down Button
SET Button
UP Button
Temperature Probe
Battery Compartment

Components

1 x Food Thermometer
1 x Clip
1 x AAA Battery
1 x Manual

Product Features & Specification

1. Display: Displays the current temperature.
2. Temperature Probe: Insert the temperature probe into the liquid to receive the temperature within 8 seconds.
3. IPX5 Grade Waterproof: Wash under running water without fear.
4. Touch Backlight.
5. Auto-off: Turns off automatically after 2 hours if no button has been pressed and the temperature has been lower than 50°C±3°C (122°F±5°F).
6. Stainless Steel Pot Clip.
7. 8" Stainless Steel Probe: Long probe will accommodate any size of pot.
8. Temperature Range: -58°F~572°F (-50°C~300°C). If the temperature is below -58°F (-50°C), or above 572°F (300°C), LL.L or HH.H will show on the Display.

9. Resolution: 0.1°C/°F.
10. Temperature Accuracy: ±0.9°F (±0.5°C) in range between 32°F~212°F (0~100°C).
11. Battery: 1 x AAA battery (1.5V).

Buttons

1. ⏻ /°F/°C Button: Press once to turn on or off the device. After turning on the device, press once to switch temp unit between °F and °C. Press and hold for 3 seconds to turn off the device.
2. ☀ Backlight Button: Touch to turn on or off the backlight. The LCD backlight will automatically turn off after 10 seconds of inactivity.
3. SET Button: (1) Press to confirm the set temperature.
   (2)Press and hold the button for 5 seconds to enter calibration mode.
   (3)Press and hold for 3 seconds to confirm the calibration.
4. ▼ Button: (1) Press to enter adjust set temperature mode.
   (2)The temperature displayed on the LCD will begin to flash, press again to decrease the set temperature.
   (3)Press and hold the button to quickly decrease the set temperature.
5. ▲ Button: (1) Press to enter adjust set temperature mode.
   (2)The temperature displayed on the LCD will begin to flash, press again to increase the set temperature.
   (3)Press and hold the button to quickly increase the set temperature.

How to Use

1. Before First Use

(1)Insert 1×AAA battery with correct polarity (+) and (-) as indicated.
(2)Clean stainless tip: wash tip with warm soapy sponge or cloth, then rinse and dry.
(3)PLEASE READ AND FOLLOW ALL INSTRUCTIONS.
(4)The thermometer is now ready to use.

2. How to Measure Temperature

(1)Press the ⏻ /°F/°C button to turn on the thermometer.
(2)Press again to select the temp unit you want displayed. Please note that the

last selected temperature unit will be saved for next use.
(3)Insert the tip of probe into the food/liquid that you intend to measure. Then the thermometer will begin to measure the temperature.
(4)Touch the ☀ button to turn on the backlight if necessary. (Note: The backlight will automatically turn off after 10 seconds of inactivity.)
(5)Wait until temperature reading on the display stabilizes.
(6)Press and hold the ⏻/°F/°C button for 3 seconds to turn off the thermometer.
Note: The device will automatically turn off after 2 hours if no button has been pressed and the temperature has been lower than 50°C±3°C(122°F±5°F).

3.How to Adjust Set Temperature

(1)Press the ▲ /▼ button to enter adjust set temperature mode. (The default set temperature is 150°C.)
(2)The temperature displayed on the LCD will begin to flash. You can press the ▲ /▼ button to increase or decrease the set temperature. Press and hold the ▲ /▼ button to quickly increase or decrease the set temperature.
Note: The set temperature mode will exit after 10 seconds of inactivity.
       Pressing the ▲ /▼ button once will increase or decrease by 1°C/1°F.
       The maximum target temperature is 300°C and the minimum is -50°C.
(3)Press the SET button to confirm the set temperature.
Note: The set temperature will not be saved if you DO NOT press the SET button. Once the set temperature has been set and if the current temperature reading is past the set temperature, the red LCD backlight will flash. Press any button to stop the red flashing backlight.

Calibration

The thermometer comes with a calibration feature. In most cases, the thermometer was calibrated precisely at our manufacturing facility, and generally you DO NOT need to calibrate the thermometer. However, if you believe that the temperature reading displayed by the thermometer is not accurate after a long period of use, you may follow the process below to re-calibrate the thermometer:
1. Use distilled or purified water to make ice cubes in your refrigerator.
2. Get a thermal insulated bottle. If you don't have one, use a beaker or a regular

cup.

3. Fill the bottle with ice cubes (no less than 70% of the volume), then top off with cold distilled or purified water (no greater than 30% of the volume).

4. Stir the mixture and let it sit for 10 minutes to allow the ice and water to reach its temperature equilibrium which is 0°C. You can use mercury thermometer to check whether the temperature of mixture reaches 0°C.

5. Turn on the thermometer and hold the **SET** button for 5 seconds to enter calibration mode. CAL will begin flashing for a few seconds and then the current temperature reading will begin to flash which means the thermometer is in calibration mode.

6. Immerse the probe in the ice/water mixture and make sure not to touch the sides of the container. Wait till the temperature reading drops to its lowest value, which should be around 32°F or 0°C. If the temperature of the ice/water mixture is not within 28°F to 36°F(or -2°C to +2°C), the calibration can't be continued and ERR will display on the LCD. At this time, you need to follow the above steps to re-make the ice/water mixture.

7. Hold the **SET** button for 3 seconds to confirm the calibration and exit the calibration mode.

Note: Calibration mode will only last for 10 seconds. If you're unable to finish the calibration within 10 seconds, the thermometer will automatically exit calibration mode.

Undo-Calibration
If you want to undo the calibration and go back to the default calibration setting, please follow the steps below:
1. Turn on the thermometer and hold the **SET** button for 5 seconds to enter calibration mode.
2. CAL will begin flashing 3 seconds. Press the ⏻**/°F/°C** button, UCAL will display on the LCD and the current temperature reading will stop flashing. Now the calibration is back to the default setting.

Helpful Hints
- When measuring multiple or different foods and meats, it may be desirable to cool the probe by rinsing the tip with cold water between readings.
- It is recommended that you wipe the probe tip clean between readings.
- Do not leave the whole product in an oven, because it may damage electronic and plastic parts.
- Not intended for use by people aged 12 or under.

Care of Your Thermometer
- Do not touch the stainless portion of the thermometer during or right after measuring temperatures since it will be hot.
- Do not leave exposed to temperatures higher or lower than the measurement range(-58°F~572°F) as this will damage electronic parts and plastics.
- Do not place the whole product in dishwasher or immerse in any liquid. Clean under running water or wipe the probe tip with a damp soapy cloth or sponge and then dry.
- Remove battery if stored for more than four months.
- Do not dispose this unit in a fire. IT MAY EXPLODE.
- Keep unit away from children. The unit or parts of the unit might be a choking hazard.
- Dispose of the unit legally and recycle when possible.

Declaration of Conformity
Hereby, the manufacturer declares that this product complies with the basic requirements and applicable regulations of the EMC Directive 2014/30/EU. The complete declaration of conformity can be found at:
https://itronicsmall.com/eu-declaration-of-conformity/

Disposal of the Electronic Appliance
This electronic appliance should not be disposed of with normal household waste. Dispose of the unit at an approved facility or at your local recycling center. Please observe the current rules and regulations when disposing of the appliance. Contact your local council if in doubt.

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