

# INSTRUCTIONS FOR

## Traceable® Memory Monitoring Thermometers (#10367 & 10368)

See page 3 for mounting information.

### Installing and replacing the battery

The thermometer uses one AA size battery (1.5V DC), follow these steps to install or replace the battery.

1. Open the battery cover, below the stand.
2. Insert the battery as indicated by the polarity symbols (+ and -) marked inside the battery compartment. All display segments will show for about 2 seconds. Unit will return to **NORMAL DISPLAY MODE**.
3. Replace the battery cover.

### Operation Modes

The unit has 2 operating modes: **NORMAL DISPLAY MODE** and **ALARM DISPLAY MODE**. To change from one mode to another, press **(MODE)** button once.

**NORMAL DISPLAY MODE** - Shows the current temperature and the maximum and minimum temperature at the same time. (Initially the Max and Min values will display the same temperature values as the current temperature display until changes in temperature are recorded).

**ALARM DISPLAY MODE** - Is indicated by the display of current temperature and the HI and LO alarm settings. These temperatures relate to external (probe) temperature if the probe is plugged in and to internal (ambient) temperature if the sensor probe is removed.

### Resetting Maximum or Minimum Memories

\* **Note:** You must be in Normal Display Mode to reset the memories.

There are 2 ways to reset the Max/Min memories:

1. Reset both memories - Press **(MEMORY CLEAR)** button once.
2. Reset individual Max or Min memories - Press either **(MAX)** button or **(MIN)** button once to reset the respective memory. The other memory will be unaffected.

\* **Note:** Resetting a memory will result in current temperature being displayed in the max or min memory display.

### Setting the High/Low Temperature Alarm Limits

The unit must show the **ALARM DISPLAY MODE** to allow alarm to be set/Press **(MODE)** button to set the unit into **ALARM DISPLAY MODE**.

To set the **HIGH TEMPERATURE ALARM LIMIT** - Press **(HI)** button to increase 1° steps until the desired high temperature alarm limit is displayed. The selecting range is from -50°C to +70°C (-58°F to +158°F). Press and hold **(HI)** button to give fast advance.

To set the **LOW TEMPERATURE ALARM LIMIT** - Press **(LO)** button to increase 1° steps until the desired low temperature alarm limit is displayed. The selecting range is from -50°C to +70°C (-58°F to +158°F). Press and hold **(LO)** button to give fast advance.

### On/Off Selection of Temperature Alarm

The unit can sound the alarm in both **NORMAL DISPLAY MODE** and **ALARM DISPLAY MODE**.

Slide the **(ALARM ON/OFF)** switch to **ON** position, the alarm will sound for 1 minute when the temperature display reaches the high or low limit temperature setting.

Slide the **(ALARM ON/OFF)** switch to **OFF** position, to switch off the alarm.

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## Description of Alarm Function

The alarm will sound for 1 minute when the temperature display reaches the high or low temperature alarm limit.

If the unit is left unattended, the alarm will stop automatically after 1 minute to conserve power but will issue a 3 second repeater “beep” sound every minute for up to 12 hours as a continued warning that the temperature has moved outside the alarm limits.

The repeater alarm will continue to sound even if the temperature later returns to the allowed temperature band, until the alarm is deactivated.

If the unit shows the **NORMAL DISPLAY MODE**, the respective alarm indicator, either HI or LO will flash continuously for up to 12 hours, or until the alarm is deactivated.

If the unit shows the **ALARM DISPLAY MODE**, the respective alarm limit digit will flash continuously for up to 12 hours, or until the alarm is deactivated.

## Deactivation of Alarm

The alarm can be deactivated permanently by switching the (**ALARM ON/OFF**) switch, or the alarm can be temporarily disabled by pressing either the (**HI**) or (**LO**) buttons. (Temporarily disabled means the unit is still active, and will sound the alarm again if the temperature reaches the **HI** or **LO** limits.

## Selecting the Temperature Units

The switch on the back of the thermometer selects between degrees Celsius and Fahrenheit. To select Celsius units, set the switch to °C. To select Fahrenheit units, set the switch to °F.

**Note:** Reset the thermometer unit after any change to the sampling cycle.

## Selecting the Rate of Sampling Cycle

The switch on the back of the thermometer selects between **NORMAL** and **FAST** sampling cycle. To select 60 second sampling cycle, set the switch to **NORMAL**. To select 10 second sampling cycle, set the switch to **FAST**.

**NOTE:** Reset the thermometer unit after any change to the sampling cycle.

## The Reset Button

Use a pointed object to push the reset button once, which is located in the rear panel, to update the display whenever a change is made to either of the following:

1. Display unit change to degrees Celsius or Fahrenheit.
2. Rate of sampling change to **NORMAL** or **FAST** sampling cycle.

**NOTE:** The high/low temperature alarm limit setting will be cleared after the unit has been reset.

# INSTRUCTIONS FOR Traceable® Memory Monitoring Thermometers (#10367 & 10368)

The #10368 is supplied with a probe sealed in a miniature bottle. The bottle is filled with a patented nontoxic glycol. Solution is generally recognized as safe by the FDA. The solution in the bottle simulates the temperature of other stored liquids. Velcro® and magnetic strip are supplied to mount the bottle to the inside of a refrigerator/freezer and to mount the display unit to the outside. Micro-cable permits refrigerator doors to close on it.

## Low Battery Signal Indication

The digital thermometer requires a 1.5V standard battery. If the voltage of the battery becomes low, all °C or °F digits will flash.

## Wall-Mounting the Thermometer

Follow these steps to mount the thermometer on a wall:

1. Drive a screw into the wall at the location you choose until the head extends 3.5mm from the wall.
2. Locate into the hanger slot on the back of the thermometer until locks into place.

## Use of Supplied Bench Stand

The unit is supplied with a bench stand that is part of the battery cover. To use the bench stand, locate the small rectangular opening at the bottom of the unit. Place your fingernail into the opening and flip the stand up. To close the stand, simply snap it shut.

## Temperature-Buffered Sensor

Sensor provides accurate readings when refrigerator doors are opened. Probe is sealed in a miniature bottle filled with nontoxic glycol solution (recognized as safe by the FDA), eliminating concerns about incidental contact with foods. Velcro® and magnetic strips are provided for mounting of both thermometer and bottle sensor.

