

# TFA Digital Thermometer Operating Instructions



Model LT-101 (30.1033)

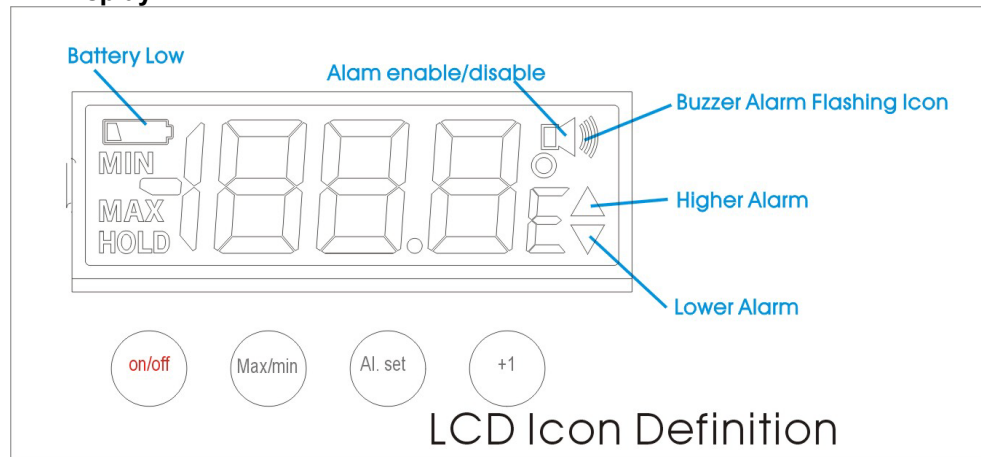


Model LT-102 (30.1034)

## 1. Features

- High precision
- Current temperature, MAX/MIN/HOLD
- Temperature alarm
- Stainless steel temperature probe with 1 m cable
- Table stand and magnet
- IP65 dust and hose-water proof
- Also for food checks (according to HACCP)

## 2. Display



## 3. Installation

Pull off the protection foil on the display, if necessary. Open the battery cover on the backside of the instrument by opening the two little screws next to the magnet by a screw driver, insert the battery CR2032 3V Lithium and close the cover. The unit is now ready for use.

## 4. Operation

### 4.1 Temperature indication

The present temperature in °C or °F measured by the probe is indicated on the display. Press the +1-switch to change from °C to °F readout.

### 4.2 Button ON/OFF

- Press ON/OFF-button to switch the instrument on and off. Settings are preserved, for measurements and alerting the instrument must be switched on.

### 4.3 Hold/max-min-function

- When pressing the MAX/MIN-button, the present display is held (HOLD).
- Pressing again the MAX/MIN-button, the display shows the maximum temperature since the last reset (MAX).
- When pressing the MAX/MIN-button again, the display shows the minimum temperature since the last reset (MIN).
- To go back to the present temperature display, press the MAX/MIN-button once more.
- To reset the maximum and minimum values, hold the MAX/MIN -button for 3 seconds, while MAX or MIN is indicated ( ---).

#### 4.4 Upper limit and lower limit temperature alert

- To set an upper temperature limit, that means when passing the temperature an alarm is beeping, press the AL SET-button. The upper temperature limit  $\blacktriangle$  is flashing. Set the desired temperature by pressing the +1-button. Hold and press the button for a fast count. Now you can activate (alarm symbol appears) or deactivate (alarm symbol disappears) the alarm pressing MAX/MIN- button. Confirm by pressing the AL SET –button.
- The lower temperature limit  $\blacktriangledown$  is flashing. To set a lower temperature limit, that means when falling below the temperature an alarm is beeping, press +1-button. Hold and press the button for a fast count. Now you can activate or deactivate the alarm pressing MAX/MIN- button. Confirm by pressing the AL SET –button.
- After setting temperature alarm the symbols  $\blacktriangle$  show, if an upper or lower temperature alarm is activated.
- When passing or falling below the selected temperature limit an alarm signal will sound for 1 minute, the buzzer alarm icon and the corresponding arrow  $\blacktriangle$  or  $\blacktriangledown$  will flash. The alarm and the buzzer alarm icon can be turned off manually by pressing any button.
- When temperature is again within the selected limits the alarm signal will stop (within 1 min.) and the buzzer alarm flashing icon disappears. The arrow keeps on flashing showing that the temperature was higher/lower than the preset value at least once in the past. Press +1- button and the arrow will stop flashing.

#### 5. Battery change

When the battery is used up, low battery icon appears.

Open the battery cover on the backside of the instrument, insert a new battery CR2032 3V Lithium and close the cover.

**Attention:** Please do not dispose of old electronic devices and used batteries in household waste.

To protect the environment, take them to your retail store or to nearest civic amenity site to be disposed of according to national or local regulations.

#### 6. Technical data

	LT-101 (30.1033)	LT-102 (30.1034)
Measuring range	-40 °C to +200°C (reversible °C/°F)	-50 °C to +70°C (reversible °C/°F)
Precision:	+/-0.5°C from 0 to 50°C, +/-1°C from -20 to 0°C, 51 to 70°C +/-2°C from -40 to -20°C, 70 to 200°C	+/-0.5°C from -20 to +25°C, +/-1°C Rest
Cable:	Approx 1m	Approx. 3m
Resolution:	0,1°C	0,1°C
Battery:	CR2032 3V Lithium button cell battery	CR2032 3V Lithium button cell battery
Measurements:	c. 86 x 57 x 30 mm	c. 86 x 57 x 30 mm

#### 7. Attention

- Do not place the display unit near extreme temperatures. Only the probe is heat resistant.
- Do not immerse the display unit into water, water can penetrate and cause malfunction.
- Please do not try to repair the unit. Contact the original point of purchase. Please change the battery before complaining. No guarantee if the instrument is handled or opened improperly.