



## TM50 MULTI-FUNCTION POCKET THERMOMETER

### Owner's Manual

#### INTRODUCTION

A step above the standard pocket thermometer the TM50 is packed full of features, including a user selectable temperature alarm, a countdown timer, Min/Max, °F/°C selectable and memory functions. The unit incorporates a highly accurate stainless steel 96mm puncture probe with a 4ft/122cm cord. Temperature range is -58° to 500°F/-50° to 260°C. The TM50 operates on a single AAA alkaline batt. with 25 hours of batt. life and a low batt. indicator.

#### SPECIFICATIONS

- Operating temperature: 0-50°C
- Temperature display range: -50-300°C
- Temperature measure range: -40-280°C
- Resolution: 0.1°C
- Accuracy: -40°C to -10°C ± 3°C -10°C to 50°C ±2°C  
50°C to 100°C ± 3°C 100°C to 280°C ±3% + ±2°C
- Sample rate: every 2 or 8 seconds each time
- Temperature for °C and °F: switch
- Temperature record: save the highest and lowest temperature
- Timer: display hour/minute/second
- Time clock: (24 hours format) accuracy: 2s to 5s per circle
- Operating voltage: Use one 1.5 Volt AA battery
- Alarm: Turn on the meter, press "SET" button, press "MIN" or "MAX" to select the alarm temperature. Press "ON/AUTO/OFF" to confirm the set.

#### INSTALLING FOR USAGE

- Flip open battery panel, insert the battery as indicated by the polarity symbols (+ and -), within 5 seconds the temperature will automatically be displayed on the screen.

#### NORMAL MODE

- In temp mode: press ON button once to turn on the thermometer press AUTO/OFF button once to activate the auto off mode (the thermometer will turn off automatically in 5 min.). Press OFF button to turn off the thermometer.

#### TEMPERATURE MODE

- In normal temp mode, press SET button once to set the alarm. When the display flashes the set mode is activated. Then press MAX/MIN button to set the desired high temp alarm. Press SET button once more to activate the low temp alarm. When the temp flashes, press the MAX/MIN button to set to temperature alarm.
- When setting the hi/lo temp alarm, press ON/AUTO/OFF button to activate

the alarm function. If the temp reaches the desired alarm range the alarm will beep. Press any key to stop the beeping tone.

- Press the MAX/MIN button once to adjust temperature. Hold the button down for more than two seconds to activate the fast jumping function.
- In normal temperature mode press the MAX button to recall the tip temperature. Press set button to clear.
- In normal temp mode press the MIN button to recall the lowest temp. Press the Set button once to clear.

#### TIMER MODE

- When the timer is activated, press the SET button to set the timer. When the minute clock flashes, press the MAX/MIN button to adjust. Press the SET button again. The hour clock will flash, then press MAX/MIN button to adjust. Press the MODE button to go back to the normal timer mode.

#### COUNT TIMER

- Initially, the timer displays 0:00:00 in the count-up or count-down timer. Press the MAX/MIN button if count-up timer is activated. Press the MAX button again to stop the count-up timer. Press the MIN button to reset to the initial state 0.00.00.
- In the initial state, the count function displays 0.00.00. Press the Set button to set minute clock, press MAX/MIN to adjust it when the minute clock flashes, press the SET button again, the hour clock will flash, then press max/min to adjust. When the set button is pressed a third time, the count-down timer is set. Press the max button to start. Press max button again to stop the count-down timer. Press the MIN button to reset to the initial state 0.00.00.
- When the timer has come down to 00 hour 00 minute, the alarm is triggered. Press any key to stop it.

#### NOTE

- Battery indicator will appear when battery is running low. Replace the battery at this time.
- Warranty is good for 6 month. Warranty does not apply to any damage outside of the functionality of the product.
- Metal probe-effective measuring area (15-25mm from the tip).