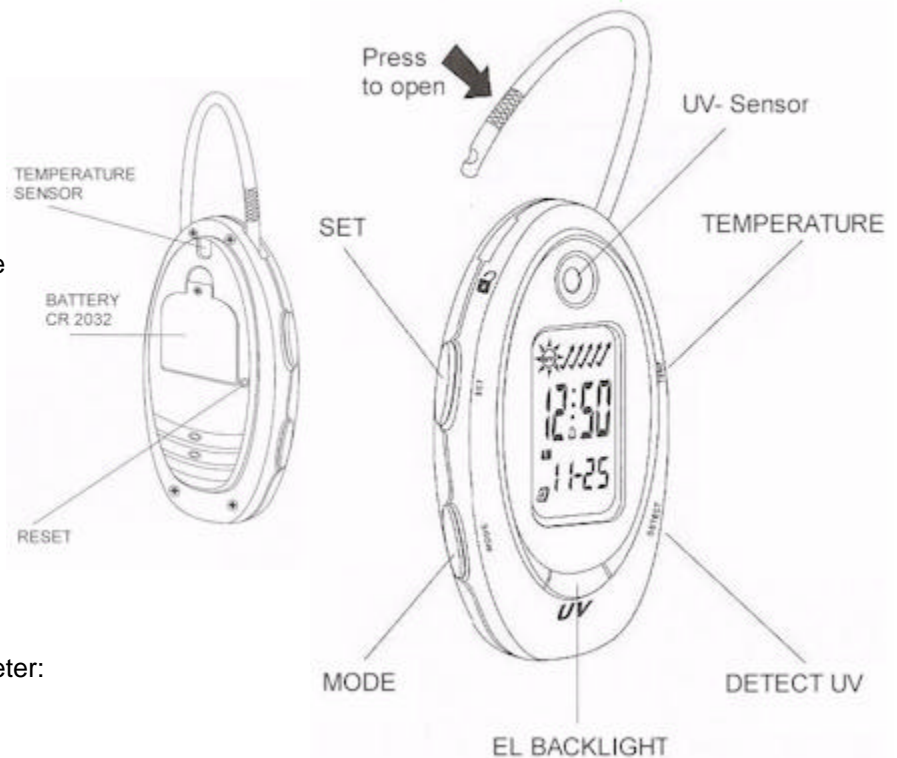


## Features :

- UV indication with WHO UV Index
- UV alert
- Temperature display
- Jumbo display showing time and date
- Stopwatch
- EL back light
- Daily alarm
- Count Down Timer

**SUN-MONITOR is a handheld LCD alarm clock with timer, UV intensity and temperature sensing functions.**



## Modes of Operation

There are four operating modes in UV Meter:

- Time mode
- UV detect mode
- Stopwatch mode
- Timer mode

## Time Mode

There are two sub-modes in "Time" mode:

- Calendar mode
- Temperature mode

- UV Meter enters "Calendar" mode automatically when power is first applied or it is reset by pressing "Reset" button.
- Repeatedly press "Temperature" button to switch between "Calendar" mode and "Temperature" mode.
- In "Calendar" mode, current time, date and "Calendar" icon will be displayed in LCD.
- In "Temperature" mode, current time, temperature and "Temperature" icon will be displayed, while temperature will be updated for every 30 seconds.

## Time Setting

- In "Time" mode, press and hold "Set" button for about 3 seconds to enter "Time Setting" mode.
- Repeatedly press "Set" button to change setting position to "Hour"; "Minute". "12/24 Hour", "Year", "Month", "Day" or "Celsius/Fahrenheit":
- In each setting position, repeatedly press "Temperature" or "Detect" button to change value or setting to your desired one.
- Press "Mode" button if you want to exit in middle of setting.

## Alarm Setting

- In "Time" mode, press "Mode" button once to display current alarm setting, and "Alarm" icon will then be lighted.
- Press and hold "Set" button for about 3 seconds to enter "Alarm Setting" mode.
- Hourly chime and daily alarm will always be enabled whenever you enters "Alarm Setting" mode no matter of their previous settings.
- Repeatedly press "Set" button to change setting position to "Hour", "Minute", "Hourly Chime" or "Daily Alarm".
- In each setting position, repeatedly press "Temperature" or "Detect" button to change value or setting to your desired one.
- Press "Mode" button if you want to exit in middle of setting.
- Repeatedly press "Mode" button until "Calendar" or "Temperature" icon is lighted to return to "Time" mode.
- Duration of alarm sound is 1 minute; you may stop the sound by pressing any buttons except "TEMP" button.

## **UV Detect Mode**

- In "Time" mode,, press "Detect" button to enter "UV Detect" mode. Current UV Index will then be displayed on LCD and "UV Index" icon will be lighted.
- UV intensity is divided into five levels (more about [www.who.int/uv/en](http://www.who.int/uv/en)) as described below:
  - Level 1 Weak ( UV index 0~2 )
  - Level 2 Low ( UV index 3~4 )
  - Level 3 Moderate ( UV index 5~6 )
  - Level 4 High ( UV index 7~9 )
  - Level 5 Very High ( UV index 10 or above )
- If UV intensity is at level 4, buzzer will sound "bi bi" once, if UV intensity is at level 5, buzzer will sound " bi bi" for 5 seconds.
- Press "Detect" button again to return to "Time" mode or the unit will return to "Time" mode automatically after 2 minutes.

## **Sunbath**

- In "UV Detect" mode, press and hold "Set" button for about 3 seconds to enter "Sunbath" mode, "Sunbath" will be lighted.
- In this mode, UV intensity will be detected and shown for every 10 minutes.
- Press "Detect" to return to "Time" mode or the unit will return to "Time" mode automatically after 6 hours.

## **Stopwatch Mode**

In "Time" mode, repeatedly press "Mode" button until "Stopwatch" icon is lighted to enter "Stopwatch" mode, and there are two sub-modes:

- Simple Stopwatch
- Split Stopwatch

### **Simple Stopwatch**

- Press "Temperature" button to start up counting.
- Press "Temperature" button again to pause counting.
- Press "Set" button to reset counting value to zero or press "Temperature" button to resume counting.

### **Split Stopwatch**

- Press "Temperature" button to start up counting.
- Press "Set" button to hold current counting value on LCD while counting remain continues in background.
- Press "Set" button again to resume display of counting value on LCD.
- Press "Temperature" button to pause counting, then press "Set" button to reset counting value to zero or press "Temperature" button again to resume counting.
- Repeatedly press "Mode" to return to "Time" mode. But counting will not be stopped by pressing "Mode" button if it is counting.

## **Timer Mode**

In "Time" mode, repeatedly press "Mode" button until "Timer" icon is lighted to enter "Timer" mode.

### **Timer Setting**

- In "Timer" mode, press and hold "Set" button for about 3 seconds to enter "Timer Setting" mode.
- Repeatedly press "Set" button to change setting position to "Hour", "Minute" or "Second".
- In each setting position, repeatedly press "Temperature" or "Detect" button to change value to your desired one.
- Press "Mode" button if you want to exit in middle of setting.
  
- Press "Temperature" button to start down counting.
- Press "Temperature" button again to pause counting, then press "Set" to reset counting value to your original setting or press "Temperature" button again to resume counting.
- When counting value reaches zero, buzzer will sound for 1 minute; you may stop the sound by pressing any buttons except "EL" button. And counting value will reset to your original setting automatically.
- Repeatedly press "Mode" to return to "Time" mode. But counting will not be stopped by pressing "Mode" button if it is counting.

## **EL-Backlight**

Press button "EL" to use the EL-Backlight

