

## HCHO MONITOR WITH ALARM

- Formaldehyde ( HCHO) detection range: 0~3mg/m<sup>3</sup>
- Dual colour backlit LCD display
- All the way analog output (0,2 ~ 10V / 4 ~ 20mA)
- 2nd Rd dry contact output
- Buzzer built-in alarm
- BAC net protocol based on the RS485 interface
- 3.6V DC power supply

### ■ Features

- ▶ Real time monitor ambience air quality
- ▶ Semiconductor formaldehyde sensor with 5 years usage and 1 year warranty against manufacturer's defect
- ▶ Formaldehyde detection
- ▶ Monitor temperature and relative humidity
- ▶ Two-color (white & red) LCD backlit and smiley icon indicating air quality
- ▶ Preset warning point of buzzer alarm and backlight
- ▶ Provides one relay output to control a ventilator
- ▶ High quality technic and elegant: best choice for homes and offices
- ▶ 3.6VDC rechargeable batteries with power adaptor available
- ▶ EU standard and CE-approved



IAQ is a comprehensive index, including room temperature, humidity and formaldehyde level. Monitoring IAQ is very important to guarantee healthy life and working environment. Air pollution caused by decoration, paints on new furniture or wall, smoke from cigarette, and cookers has become an invisible killer to humans, especially to infants, pregnant mothers and senior citizens. It can also cause nerve disorder or weak immunity, which is a potential danger to health.

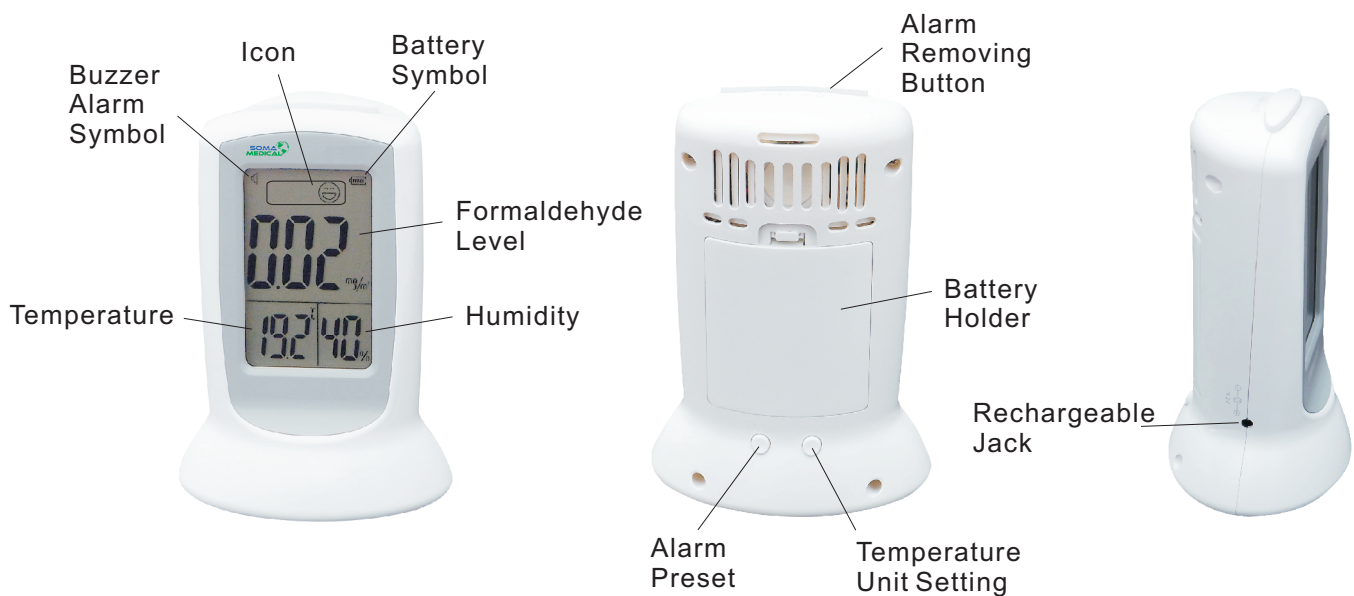
The key point is to monitor and control the environment we live in, and make invisible pollution visible. The HCHO monitor is specially designed to detect formaldehyde level in offices, homes, classrooms etc.

### ■ Simple Operation

1. Install the 3 pieces of rechargeable batteries in holder at the back of the unit
2. Press the POWER button on the top of the unit for 3 seconds to turn on or turn off the unit
3. The LCD displays the formaldehyde level, temperature and humidity.

## ■ Specifications

|                                 |  |
|---------------------------------|--|
| Gas detection                   | Formaldehyde   |
| Sensing element                 | Semiconductor gas sensor of long working life and good stability   |
| Temperature sensor              | NTC 5K   |
| Humidity sensor                 | HS series capacitive sensor  |
| Power supply                    | 3.6VDC   |
| Signal update                   | 1s   |
| Formaldehyde measuring range    | 0~3mg/m <sup>3</sup>   |
| Formaldehyde setting resolution | 0.01 mg/m <sup>3</sup>   |
| Temperature measurement range   | 0~50°C<br>comfortable range for human: summer 22~28°C / winter 18~24°C   |
| Humidity measurement range      | 0~99%RH      comfortable range for human: 30~70%RH   |
| Output                          | 4.2V, 300mA  |
| Warning alarm                   | Inner buzzer alarm and 2 colors backlit as well  |
| Buzzer alarm                    | Alarm starts when formaldehyde value above 0.3 mg/m <sup>3</sup>   |
| LCD backlit and Icon            | When formaldehyde value is less than 0.1mg/m <sup>3</sup> , the backlit is white, and the icon displays a smiling face<br>When formaldehyde value is more than 0.1mg/m <sup>3</sup> , the backlit turns to red, and the icon displays a crying face<br>When formaldehyde value is more than 0.3mg/m <sup>3</sup> , the red backlit starts flashing, and the icon displays a death's-head |
| Operation condition             | -20°C~60°C (-4°F~140°F)/0~95%RH  |
| Storage conditions              | -40°C~70°C (-40°F~194°F)/5~95%RH   |
| Net Weight                      | 560g   |
| Dimensions                      | 130mm(L)x85mm(W)x36.5mm(H)   |
| Installation standard           | Desktop or wall mount (65mmx65mm or 85mmx85mm or 2"x4" wire box)   |
| Wiring standard                 | Wire section area <1.5mm <sup>2</sup>  |
| Quality System                  | ISO 9001   |
| Housing                         | PC/ABS fire-proof, IP30 protection   |
| Certificate                     | CE   |



Sales Inquiry