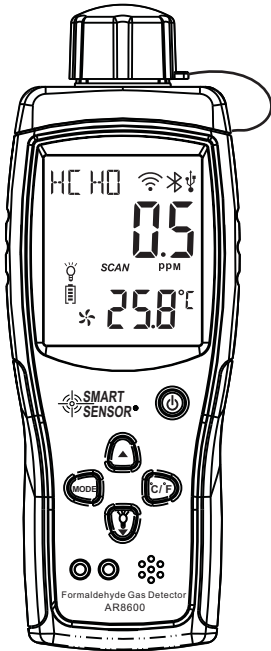


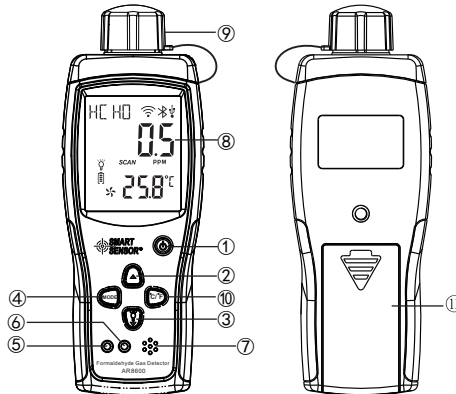
Formaldehyde Gas Detector Instruction manual



As this device is an intellectual precise measurement apparatus, it is very important that you read through these instructions before using this device.

1.Explanation of the appearance

- ① ⏻ : ON/OFF
- ② Decrement button(▲)
- ③ Increment button / backlight (▼)
- ④ MODE : Measurement mode button
- ⑤ The first siren (Blue indicator)
- ⑥ The second siren (red indicator)
- ⑦ Buzzer
- ⑧ LCD Display
- ⑨ Sensor
- ⑩ °C / °F
- ⑪ Battery compartment cover



2. Technical parameters:

Detection of gas:	Formaldehyde (HCHO)
Measuring range:	0-50ppm
Resolution:	0.1ppm
Basic error:	Less than ± 5% (F.S)
Response time:	T90 : Less than 120 seconds
Recovery time:	Less than 120 seconds
Repeatability:	Less than ± 1%
The principle of sensor:	Electrochemical principle, life for two years
Battery:	3 X 1.5V AA Battery
Display:	Large screen liquid crystal display
To alarm:	Acoustic, optical double alarm, can set the alarm value, an alarm sound is divided into 80 dB
Working temperature:	-20 ~ 50 °C
Working humidity:	15-90%RH (Non Gel)

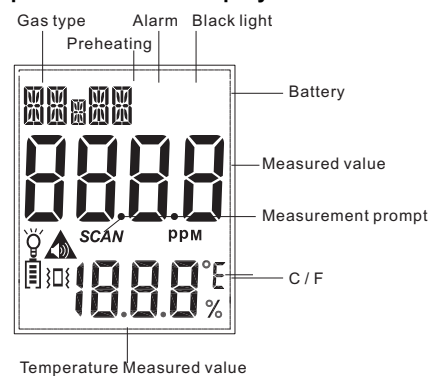
3. Product description:

Formaldehyde analyzer is a continuous quantitative analysis of formaldehyde concentration apparatus, the apparatus using imported high precision electrochemical principle formaldehyde sensor, fast response speed, high precision, of its stability, good repeatability; The apparatus is widely used in metallurgy, power plant, farms, mines, chemical, scientific research, medical, pharmaceutical, environmental protection and other fields.

4. Characteristics of the instrument:

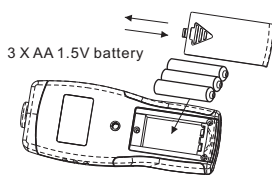
- Adopt imported high precision the principle of electrochemical sensor for formaldehyde.
- Safety tips: periodic flashing lights, sound prompt
- Two acousto-optic alarm settings, the outstanding audio sound alarm, voice of up to 80 dB.
- Big screen digital display, and can display the instantaneous value, peak value.
- Boot or need to be on display, battery, sensor, alarm features self-test
- The service life of the sensor : 2 years(it can be replaced)
- Power supply :3 X 1.5V AA battery
- Battery service life : about 10 hours of continuous use (when the backlight is off).
- Size : 182*66*32(mm)

5.Explanation of the display



6.Application:

The equipment is also widely used in the bedroom, office, hotel, restaurant, shopping mall, farms, metallurgy, power plant, chemical industry, mine, scientific research, medical treatment, pharmaceutical, environmental protection, etc.



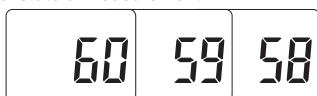
7.How to operate it

A.Push the cover downwards to open it and put new 3 X 1.5V AA battery in.

B.Power on/off

Press the "⏻" to power on.

shutdown state, press the power switch key, boot, the first LCD display the name of the gas, the maximum range and battery life. 1 seconds, LCD display 60 seconds preheating countdown state, if the press the power switch "⏻" key, you can skip preheat condition, directly into the normal state of measurement.



C.Backlight On/Off

You can switch the backlight on or off by slightly touching the "☀️" "

D.How to set up the alarming level for the meter

- 1)In the measurement of "SCAN" state, press the "MODE" key will enter the alarm level setup mode .
- 2)The first step is the alarm upper level (LHL)(AL1) limit

setup(as figure 1 showed)

- ①Press the "▲" or "▼" keys, numbers will add or minus one per key in, set to the desired value.
- ②After completed the first step, also need to set other bit. Bit selection by pressing the "T/R" key.
- 3)After first setup is completed and then press the "MODE" key again will enter the alarm limit (LHL) value of (AL2)level 2 setting method as above. (as figure 2 showed)
- 4)After the completion of alarm setup, press the "MODE" key to exit setup mode.

E.Meter alarming

The meter alarming when the meter measurement value is less than the preset value .The buzzer alarming and the green indicator flickers when the meter measurement value is less than the value preset for the grade AL1 alarming-line ; and the buzzer alarms and the red indicator flickers when the meter measurement value is less than the value preset for the grade AL2 alarming-line.

F.Press the "▲" key can on or off the buzzer alarm and whether LCD is "🔊" symbol display, shows the symbol, the buzzer alarm on, no symbol buzzer alarm off .

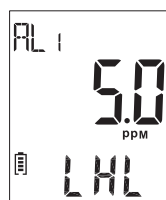


Figure 1

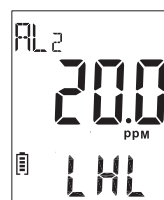


Figure 2

6.Attentions:

- 1).This meter is a precise measurement apparatus. To avoid damaging the meter , keep it away from water and hot objects (more than 60).
- 2).If the meter will be measuring for a long time , please turn off the backlight to save power consumption and prolong the service life of the battery.
- 3).When "🔋" is displayed , the battery is fully ; the small black frame in the battery sign reduces as the battery power volume reduces . When "🔋" is shown the meter cannot work normally . Please promptly replace. First turn off the meter , then take out the unused battery and put new battery in.
- 4).The meter is automatically power off if no button is pressed in 10 minutes.
- 5).When the buzzer alarms , the measured value is less then the alarming-line you have set up ; so please take measures to protect people's lives and property.
- 6).If you don't plan to use the meter for a long time, please close instrument and remove the battery to avoid the battery exudates damage.

8. Pay special attention to

The Sensing tip is high precision parts, When in use must be careful to protect, Don't dirty broke. This component cannot repair, not in warranty scope.