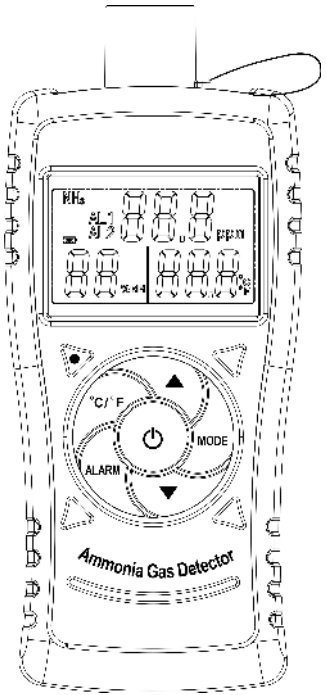
Ammonia gas detector Instruction manual



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

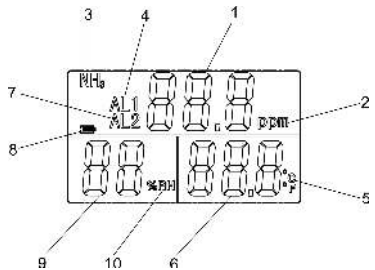
Product description:

Ammonia analyzer is a continuous quantitative analysis of Ammonia oncentration apparatus, the apparatus using high precision electrochemical principle 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.

1、Technical parameters:

Detection of gas:	Ammonia (NH3)
Measuring range:	0-100ppm
Resolution:	0.1ppm
Basic error:	Less than ± 5% (F.S)
Response time:	Less than 120 seconds
Recovery time:	Less than 240 seconds
Repeatability:	Less than ± 1%
The principle of sensor:	Electrochemical principle, life for two years
Battery:	Lithium battery (rechargeable)
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 ℃
Working humidity:	0-95%RH (Non Gel)

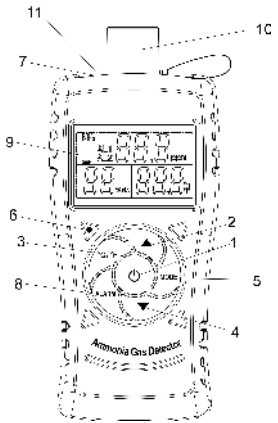
2、Explanation of the display



(Figure 1)

①Ammonia concentration display area
②Ammonia gas unit
③Ammonia gas formula
④AL1 indicate
⑤Temperature Unit
⑥Temperature Measured value
⑦AL2 indicate
⑧battery
⑨humidity measured value
⑩humidity Unit

3、Explanation of the appearance



(Figure 2)

①power on/off
②Increment button
③℃/℉:Temperature
④Decrement button
⑤MODE
⑥Alarm indicator light
⑦Charging indicatorlight
⑧Alarm setting button
⑨display
⑩sensor
⑪Thechargeinterface

4、How to operate it

①Power on/off: press the [⏻]to power on, press it again to turn it off.

Increment button: After entering the alarm setting state, the alarm value can be adjusted, short press + 0.1, long press + 1.

℃/℉ Temperature:℃/℉ conversion, The default is Celsius, which can be converted to Fahrenheit press one time.

Decrement button: After entering the alarm setting state, the alarm value can be adjusted, short press - 0.1, long press - 1.

MODE: Press the button to enter the interface of selecting whether to automatically, Display "APO ON" auto power off function open up, Display "APO OFF" auto power off function shut up。

Alarm indicator light: When the "AL1" setting value of the first-level alarm is reached, the indicator light will flicker slowly, and the buzzer will ring slowly at the same time. When the "AL2" setting value of the second-level alarm is reached, the indicator light will flash rapidly, and the buzzer will ring rapidly at the same time Up.

Charging indicator light: The green light is on when charging, The red light is on when charging is full.

— Alarm setting button: Press the button to enter the setting state, "AL1" first alarm setting mode, and press the setting button again to enter "AL2" second alarm setting mode. In AL1 and AL2 states, numeric Settings can be adjusted using keys 2 and 4.

⑨ Display: The ammonia concentration and The temperature and humidity of the current environment can be displayed simultaneously。

⑩ Sensor: The protective cover of probe sensor should be opened during testing.

5、Attentions:

1). This meter is a precise measurement apparatus. To avoid damaging the meter , keep it away from water and hot objects (more than 50).

2). When the battery level shows [▭], please charge the lithium battery in time and continue to use the product after it is fully charged.

3). The meter is automatically power off if no button is pressed in 20 minutes.

4). 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 li ves a nd p roperty.

5). If you are not going to use this meter for a long period of time , turn off the meter to avoid damage due to the battery oozing liquid . If you take out the batteries when the meter is on , the data preset for the grade 4 and grade 2 alarming -line will be lost;when the meteris powered on and enabled , the previous values preset for the grade 4 and grade 2 alarming will return .

If you are going to save the values preset for the two grades of alarming lines , you must turn off the meter normally once.

6、Ammonia concentration detector, gas detector, gas leak detector

The concentration of ammonia in atmosphere	Human physiological reaction
5 ~ 10ppm	The nose may be aware of the smell.
20 ppm	Aware of the special smell of ammonia.
40ppm	A few people feel mild stimulation of eye.
100ppm	A few minutes of exposure caused by ocular and nasal quite stimulating.
400ppm	Cause throat, nasal cavity and upper respiratory tract acute stimulation.
700ppm	Exposure for more than thirty minutes may cause permanent damage to the eye.
1700ppm	Severe cough, wheeze thirty minutes can be fatal.
5000ppm	Severe pulmonary edema disease, a moment can be fatal asphyxia.

＊The above parameters are for reference only

Special statement:

- Old batteries must be handled according to local laws and regulations.
- We reserve the right to update and modify the specifications and specifications of our products without notice.

CONTACT US

For any problem or concern, welcome to email us for prompt response.

AFTERSALES1010@HOTMAIL.COM

P.S.

To make sure you can receive immediate solution and your requests processed quickly, please email us with these information:

1. Order Number
2. Platform of Your Purchase
3. Full Model Number
4. Description of the Problem(Attaching videos or photos can help us troubleshoot the problems even faster)