



## AG310 SERIES GAS DETECTOR

AG310 series including model GTQ-AF110, GTQ-AF111, AF110-R, AG310, AG311. These gas detectors are suitable for detecting the combustible and toxic gases in hazardous areas. The product adopts the integrated design of sound and light alarm, which can effectively warn all kinds of gas leakage hazards; the smart sensor modular design supports hot plugging and easy maintenance; the product is equipped with an infrared remote control, which can realize completely no cover operation. IP66 protection can be applied to all kinds of bad occasions.

### Features

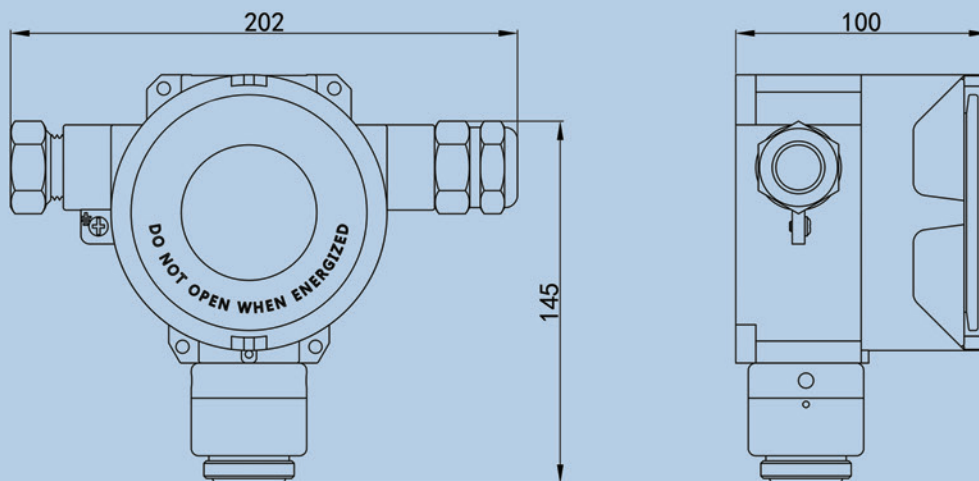
- integrated design with sound and light alarm.
- The patented sensor module integrates the sensor and calibration information into a replaceable module. Suitable to replace the sensor module without calibration and ready-to-use when connect new sensor module even it's a different gas sensor, much convenient.
- IP66 design with body material in stainless steel and aluminum alloy, suitable for harsh environments.
- High-brightness OLED display, capable to see readings in any angle.
- Built-in three relays(alarm-1, alarm-2, fault), multi-functional control is possible.
- Full English menu, remote control operation.
- Complete product certification (ATEX, SIL, CNEX, CCCF, etc.)

## Specification

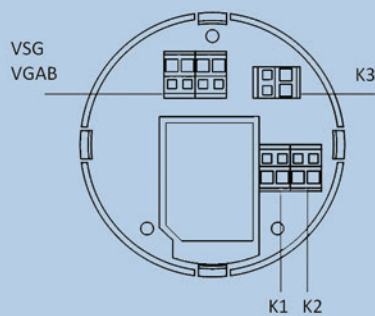
| Description                    | Specifications                           | GTQ-AF110 | GTQ-AF111 | AF110-R | AG310 | AG311 |
|--------------------------------|--|-----------|-----------|---------|-------|-------|
| <b>Gas Detected</b>            |  |           |           |         |       |       |
| Ex                             | catalytic combustion                     | ●         | ●         | -       | -     | -     |
|                                | infrared                                 | -         | -         | ●       | -     | -     |
| toxic                          | ECD,IR,PID,semiconductor                 | -         | -         | -       | ●     | ●     |
| <b>Function</b>                |  |           |           |         |       |       |
| measure range                  | see QUICK-SELECTION-TABLE                | ●         | ●         | ●       | ●     | ●     |
| response time*                 | T90≤30S                                  | ●         | ●         | ●       | -     | -     |
|                                | T90≤60/180S                              | -         | -         | -       | ●     | ●     |
| accuracy*                      | ≤±5%F.S                                  | ●         | ●         | ●       | ●     | ●     |
| repeatability*                 | ≤2%F.S                                   | ●         | ●         | ●       | ●     | ●     |
| <b>Electric</b>                |  |           |           |         |       |       |
| power supply                   | 18-28VDC(standard 24VDC)                 | ●         | ●         | ●       | ●     | ●     |
| power consumption              | ≤3.5W                                    | ●         | ●         | ●       | -     | -     |
|                                | ≤2W                                      | -         | -         | -       | ●     | ●     |
| signal output                  | 4-20mA                                   | ●         | -         | ●       | ●     | -     |
|                                | RS485                                    | -         | ●         | -       | -     | ●     |
| wiring                         | three-wire                               | ●         | -         | ●       | ●     | -     |
|                                | four-wire                                | -         | ●         | -       | -     | ●     |
| suitable cable                 | RVVP3*1.5mm <sup>2</sup>                 | ●         | -         | ●       | ●     | -     |
|                                | RVVP4*1.0mm <sup>2</sup>                 | -         | ●         | -       | -     | ●     |
| relay output                   | 3 passive relays<br>(250VAC/5A 30VDC/5A) | ●         | ●         | ●       | ●     | ●     |
| <b>Display &amp; Operation</b> |  |           |           |         |       |       |
| display                        | OLED display                             | ●         | ●         | ●       | ●     | ●     |
| indicator light                | power,fault,alarm-1,alarm-2              | ●         | ●         | ●       | ●     | ●     |
| operation method               | remote control                           | ●         | ●         | ●       | ●     | ●     |
| <b>Environment</b>             |  |           |           |         |       |       |
| ingress protection             | IP66                                     | ●         | ●         | ●       | ●     | ●     |
| operating temp.                | -40℃~70℃                                 | ●         | ●         | ●       | -     | -     |
|                                | -20℃~60℃                                 | -         | -         | -       | ●     | ●     |
| operating humidity             | 10~95%RH non-condensing                  | ●         | ●         | ●       | ●     | ●     |
| operating pressure             | 80-120kPa                                | ●         | ●         | ●       | ●     | ●     |
| <b>Structure</b>               |  |           |           |         |       |       |
| body material                  | ADC12 aluminum +316L S/S                 | ●         | ●         | ●       | ●     | ●     |
| close nipple                   | NPT1/2                                   | ●         | ●         | ●       | ●     | ●     |
| weight                         | about 2kg                                | ●         | ●         | ●       | ●     | ●     |
| dimensions                     | 145*202*100mm(H*W*D)                     | ●         | ●         | ●       | ●     | ●     |
| <b>Certificates</b>            |  |           |           |         |       |       |
| CPA                            | 2015C563-32                              | ●         | ●         | ●       | ●     | ●     |
| EX                             | Exdib II CT6 Gb                          | ●         | ●         | ●       | ●     | ●     |
| CCCF                           | 073184850122ROM                          | ●         | -         | -       | -     | -     |
|                                | 073184850123ROM                          | -         | ●         | ●       | -     | -     |
| SIL                            | SIL2                                     | ●         | ●         | ●       | ●     | ●     |
| ATEX                           | Ex dbib II CT6 Gb                        | -         | -         | -       | ●     | ●     |

Note:\* refers to there's some difference vary from different gas, please contact the manufacturer for details.

## Dimensions



## Wiring



| Terminals | Description              |
|-----------|--------------------------|
| V         | 24V +                    |
| S         | 4-20mA signal output     |
| G         | 24V -                    |
| A B       | RS485 signal output      |
| K1        | relay output for alarm-1 |
| K2        | relay output for alarm-2 |
| K3        | relay output for fault   |



## GAS DETECTION SYSTEM

Gas detection system can be widely applied in places such as petrochemical engineering, chemical engineering, steel, metallurgy, pharmaceuticals, electricity, food, and logistics where the monitoring of flammable and toxic gas is needed.

The system is made of gas detector, controller and sound-light alarm, and the gas concentration data will be uploaded to the control panel. The controller collectively displays the gas concentration data of different monitoring points, and the sound-light alarm will be set off in case that any concentration exceeds over the default value. Linkage feature can be realized and the data can be also uploaded to host systems such as DCS/IPC.

FUNCTION

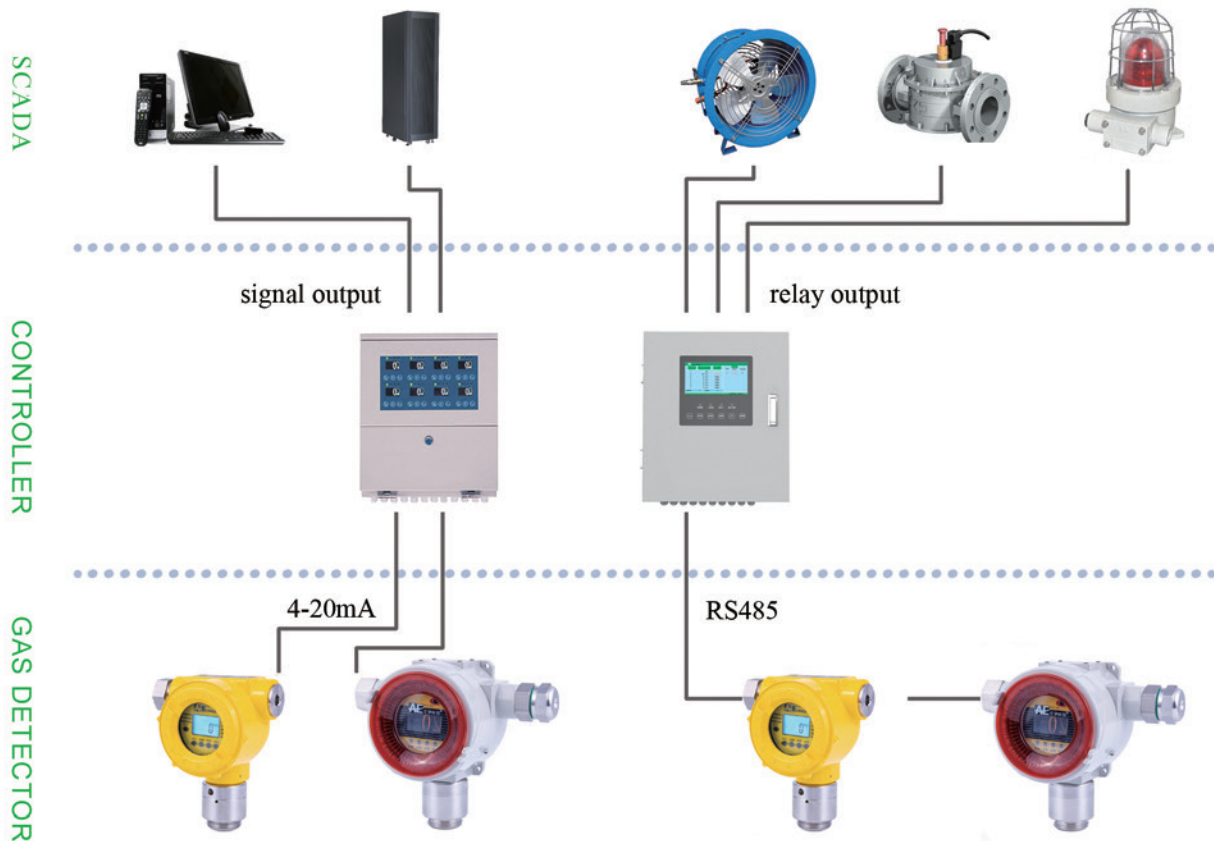


DIAGRAM of GAS DETECTION SYSTEM

1. gas detector

The gas detector is fixed in areas such as the workshop, warehouse, and storage tank for real-time monitoring of the concentration of flammable and toxic gases.

2. zone control

The controller collectively displays the gas concentration, and the sound-light alarm will be set off in case that any concentration exceeds over the default value.

3. The interlock control

It comes with relay output and fault output for the performing of automatic fan, spray, valve, and alarm.

4. The host computer

Standard 4-20mA and RS485 signal output, compatible with host computers such as DCS/PLC/IPC.



## SELECTION GUIDE

QUICK SELECTION TABLE 1 -- FIXED GAS DETECTOR

| Description               | AG310 series |           |         |       |       | AG210 series |       |           |           | AG200 series |       |       |
|---------------------------|--------------|-----------|---------|-------|-------|--------------|-------|-----------|-----------|--------------|-------|-------|
|                           | GTQ-AF110    | GTQ-AF111 | AF110-R | AG310 | AG311 | AG210        | AG211 | GTQ-Anr-A | GTQ-Anr-D | AG200        | Anr-N | Anr-S |
| <b>Gas detected</b>       |              |           |         |       |       |              |       |           |           |              |       |       |
| combustible gas-catalytic | ●            | ●         | -       | -     | -     | -            | -     | ●         | ●         | -            | ●     | ●     |
| combustible gas-infrared  | -            | -         | ●       | -     | -     | -            | -     | -         | -         | -            | -     | -     |
| toxic gas-electrochemical | -            | -         | -       | ●     | ●     | ●            | ●     | -         | -         | ●            | -     | -     |
| toxic gas-PID             | -            | -         | -       | ●     | ●     | ●            | ●     | -         | -         | ●            | -     | -     |
| toxic gas-infrared        | -            | -         | -       | ●     | ●     | ●            | ●     | -         | -         | ●            | -     | -     |
| toxic gas-semiconductor   | -            | -         | -       | ●     | ●     | -            | -     | -         | -         | -            | -     | -     |
| <b>Display</b>            |              |           |         |       |       |              |       |           |           |              |       |       |
| OLED                      | ●            | ●         | ●       | ●     | ●     | -            | -     | -         | -         | -            | -     | -     |
| LCD                       | -            | -         | -       | -     | -     | ●            | ●     | ●         | ●         | -            | -     | -     |
| <b>Signal output</b>      |              |           |         |       |       |              |       |           |           |              |       |       |
| 4-20mA                    | ●            | -         | ●       | ●     | -     | ●            | -     | ●         | -         | ●            | ●     | -     |
| RS485                     | -            | ●         | -       | -     | ●     | -            | ●     | -         | ●         | ●            | -     | ●     |
| <b>Wiring</b>             |              |           |         |       |       |              |       |           |           |              |       |       |
| three-wire                | ●            | -         | ●       | ●     | -     | ●            | -     | ●         | -         | ●            | ●     | -     |
| four-wire                 | -            | ●         | -       | -     | ●     | -            | ●     | -         | ●         | ●            | -     | ●     |

Note:

1. ● means available, - means unavailable;

2. both oxygen and toxic gas are detected in electrochemical principle, so the toxic gas includes oxygen in the above table.

QUICK SELECTION TABLE 2 -- CONTROL PANEL

| Description            | AGS1600F | AGS1000 | AGS1000B | AGS1000D | JUDD | JUDD-S |
|------------------------|----------|---------|----------|----------|------|--------|
| <b>Gas detected</b>    |          |         |          |          |      |        |
| combustible gas        | ●        | ●       | ●        | ●        | ●    | ●      |
| toxic gas              | -        | ●       | ●        | ●        | ●    | ●      |
| <b>Display</b>         |          |         |          |          |      |        |
| LCD                    | ●        | ●       | ●        | ●        | -    | -      |
| OLED                   | -        | -       | -        | -        | ●    | ●      |
| <b>Signal input</b>    |          |         |          |          |      |        |
| 4-20mA                 | ●        | ●       | ●        | ●        | ●    | ●      |
| RS485                  | -        | ●       | ●        | ●        | -    | -      |
| <b>Wiring</b>          |          |         |          |          |      |        |
| three-wire             | ●        | ●       | ●        | ●        | ●    | ●      |
| four-wire              | -        | ●       | ●        | ●        | -    | -      |
| <b>Channels</b>        | 4        | 1-64    | 1-64     | 1-64     | 1-8  | 32-128 |
| <b>Installation</b>    |          |         |          |          |      |        |
| wall-mounted type      | ●        | ●       | ●        | ●        | ●    | -      |
| cabinet type           | -        | -       | -        | -        | -    | ●      |
| <b>UPS</b>             | -        | -       | ●        | -        | -    | -      |
| <b>Explosion-proof</b> | -        | -       | -        | ●        | -    | -      |

Note: The channels of AGS1000, AGS1000B, AGS1000D, JUDD, JUDD-S can be customized.

QUICK SELECTION TABLE 3 -- GAS DETECTED

| Gas  | Measure Range                  | Principle       | Resolution               | GTQ-<br>AF110 | GTQ-<br>AF111 | GTQ-<br>AF110-R | GTQ-<br>Amr-A | GTQ-<br>Amr-D | Amr-N | Amr-S | AG310 | AG311 | AG210 | AG211 | AG200 |
|--|--------------------------------|-----------------|--------------------------|---------------|---------------|-----------------|---------------|---------------|-------|-------|-------|-------|-------|-------|-------|
| EX   | 0-100%LEL                      | Catalytic       | 1%LEL                    | ●             | ●             | -               | ●             | ●             | ●     | ●     | -     | -     | -     | -     | -     |
| Combustible gas                              | 0-100%LEL                      | Catalytic       | 1%LEL                    | -             | -             | ●               | -             | -             | -     | -     | -     | -     | -     | -     | -     |
| EX   | 0-100%LEL                      | Infrared        | 1%LEL                    | -             | -             | -               | -             | -             | -     | -     | -     | -     | -     | -     | -     |
| O <sub>2</sub>                               | 0-30%VOL                       | Electrochemical | 0.1%VOL                  | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Oxygen                                       | 0-30%VOL                       | Electrochemical | 0.1%VOL                  | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Carbon monoxide                              | 0-1000µmol/mol                 | Electrochemical | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| CO   | 0-1000µmol/mol                 | Electrochemical | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Hydrogen sulphide                            | 0-100µmol/mol                  | Electrochemical | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| H <sub>2</sub> S                             | 0-100µmol/mol                  | Electrochemical | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Chlorine                                     | 0-10µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| CL <sub>2</sub>                              | 0-10µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Sulphur dioxide                              | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| SO <sub>2</sub>                              | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Ammonia                                      | 0-100µmol/mol                  | Electrochemical | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| NH <sub>3</sub>                              | 0-100µmol/mol                  | Electrochemical | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Nitric oxide                                 | 0-250µmol/mol                  | Electrochemical | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| NO   | 0-250µmol/mol                  | Electrochemical | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Nitrogen dioxide                             | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| NO <sub>2</sub>                              | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Nitrogen chloride                            | 0-30µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| HCL  | 0-30µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Ozone  | 0-1µmol/mol                    | Electrochemical | 0.01µmol/mol             | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| O <sub>3</sub>                               | 0-1µmol/mol                    | Electrochemical | 0.01µmol/mol             | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Ethylene oxide                               | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| C <sub>2</sub> H <sub>4</sub> O              | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Formaldehyde                                 | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| CH <sub>2</sub> O                            | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Methanol                                     | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| CH <sub>3</sub> OH                           | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Phosphine                                    | 0-5µmol/mol                    | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| PH <sub>3</sub>                              | 0-5µmol/mol                    | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Hydrogen                                     | 0-1000µmol/mol                 | Electrochemical | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| H <sub>2</sub>                               | 0-1000µmol/mol                 | Electrochemical | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Fluorine                                     | 0-1µmol/mol                    | Electrochemical | 0.01µmol/mol             | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| F <sub>2</sub>                               | 0-1µmol/mol                    | Electrochemical | 0.01µmol/mol             | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Hydrogen fluoride                            | 0-10µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| HF   | 0-10µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Hydrogen cyanide                             | 0-50µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| HCN  | 0-50µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Phosgene                                     | 0-1µmol/mol                    | Electrochemical | 0.01µmol/mol             | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| COCL <sub>2</sub>                            | 0-1µmol/mol                    | Electrochemical | 0.01µmol/mol             | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Arsenic hydride                              | 0-1/20µmol/mol                 | Electrochemical | 0.01µmol/mol             | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| AsH <sub>3</sub>                             | 0-1/20µmol/mol                 | Electrochemical | 0.01µmol/mol             | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Silane                                       | 0-50µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| SiH <sub>4</sub>                             | 0-50µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Acrylonitrile                                | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| C <sub>3</sub> H <sub>3</sub> N              | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Carbon disulfide                             | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| CS <sub>2</sub>                              | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Ethanol                                      | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| C <sub>2</sub> H <sub>5</sub> OH             | 0-20µmol/mol                   | Electrochemical | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Sulfur hexafluoride                          | 0-1000µmol/mol                 | Infrared        | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| SF <sub>6</sub>                              | 0-1000µmol/mol                 | Infrared        | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Methane                                      | 0-5%/100%VOL                   | Infrared        | 0.1%VOL                  | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| CH <sub>4</sub>                              | 0-5%/100%VOL                   | Infrared        | 0.1%VOL                  | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Carbon dioxide                               | 0-5%/100%VOL                   | Infrared        | 0.1%VOL                  | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| CO <sub>2</sub>                              | 0-5%/100%VOL                   | Infrared        | 0.1%VOL                  | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Toluene                                      | 0-20µmol/mol                   | PID             | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| C <sub>7</sub> H <sub>8</sub>                | 0-20µmol/mol                   | PID             | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Xylene                                       | 0-20µmol/mol                   | PID             | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| C <sub>8</sub> H <sub>10</sub>               | 0-20µmol/mol                   | PID             | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Benzene                                      | 0-20µmol/mol                   | PID             | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| C <sub>6</sub> H <sub>6</sub>                | 0-20µmol/mol                   | PID             | 0.1µmol/mol              | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Acetic acid                                  | 0-1000µmol/mol                 | PID             | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> | 0-1000µmol/mol                 | PID             | 1µmol/mol                | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |
| Volatile organic compounds                   | 0-20µmol/mol<br>0-1000µmol/mol | PID             | 0.1µmol/mol<br>1µmol/mol | -             | -             | -               | -             | -             | -     | -     | ●     | ●     | ●     | ●     | ●     |

Note: 1. Any gas that not mentioned above, just contact AIYI Technologies for further information; 2. 1µmol/mol=1ppm



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