

ONLINE GAS DETECTOR WITH DISPLAY

YT-96H SO₂ gas detector is an online monitoring fixed detector. Using imported brand electrochemical principle sensor, it's small and light, fast response, accurate detection, reliable operation and convenient for maintenance. 24V DC power supply, standard 4-20mA, RS485 signal and a set of relay signal output. It's non-explosion-proof design so need to be installed in non-explosion-proof workplaces.



High accuracy & Reliable

Specialized in gas detection for 15 years, using world first brand sensors, high precision, the detection result is approved by the third testing organization.

Small size and light-weight

Dimension 90*60*33mm, gross weight is only 125g, easy and convenient installation

Online monitoring

24h continuously monitoring, data will real-time display.

Diversified output signals

4-20mA current signal output, compatible with different kinds of controllers.

RS485 digital signal output.

Relay signal output, to turn on/off ventilator, generators or other external devices.

2 options of installation methods

Wall mounted type, installed on the wall directly, real time monitoring.

Flow type, connected with external sampling pump and tube, measure the gas concentration in enclosed space.

Data transmission

Can transmit the data to computer, workers can remote monitor the data.

Convenient software control

Setting, calibration and remote monitoring can be realized, by the upper software

Industry Application: Petrochemical & Chemical Industry, Sewage treatment industry, Breeding industry, Environmental monitoring, Public places, Food Industry, Other Industries

Gases and ranges

Gas	Range	Other available range	Resolution
CO	0-1000ppm	0-100ppm, 0-500ppm, 0-2000ppm, 0-5000ppm, 0-10000ppm	0.1ppm, 1ppm
H2S	0-100ppm	0-10ppm, 0-50ppm, 0-500ppm, 0-1000ppm, 0-10000ppm	0.01, 0.1, 1ppm
O2	0-30%VOL	0-5%VOL, 0-25%VOL, 0-50%VOL, 0-100%VOL	0.01%VOL
EX / CH4	0-100%LEL	0-100%VOL	1%LEL, 0.01%VOL
N2	0-100%VOL		0.01%VOL
NH3	0-100ppm	0-50ppm, 0-500ppm, 0-1000ppm, 0-5000ppm	0.01, 0.1, 1ppm
CL2	0-10ppm	0-20ppm, 0-50ppm, 0-100ppm, 0-200ppm, 0-500ppm	0.01. 0.1ppm
H2	0-1000ppm	0-100%LEL, 0-2000ppm, 0-10000ppm, 0-40000ppm, 0-4%VOL	1%LEL, 1ppm
CH2O	0-10ppm	0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm	0.01, 0.1, 1ppm
O3	0-50ppm	0-1ppm, 0-10ppm, 0-20ppm, 0-100ppm, 0-500ppm, 0-1000ppm	0.01, 0.1, 1ppm
CO2	0-5000ppm	0-2000ppm, 0-10000ppm, 0-20000ppm, 0-50000ppm, 0-5%VOL, 0-10%VOL, 0-50%VOL, 0-100%VOL	1ppm, 0.01%vol
NO	0-100ppm	0-20ppm, 0-50ppm, 0-500ppm, 0-1000ppm, 0-4000ppm	0.01, 0.1, 1ppm
NO2	0-20ppm	0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm, 0-4000ppm	0.01, 0.1, 1ppm
NOX	0-20ppm	0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm, 0-4000ppm	0.01, 0.1, 1ppm

SO2	0-10ppm	0-20ppm, 0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm, 0-2000ppm	0.01, 0.1, 1ppm
ETO	0-10ppm	0-20ppm, 0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm	0.01, 0.1, 1ppm
PH3	0-10ppm	0-20ppm, 0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm, 0-5000ppm	0.01, 0.1, 1ppm
HCL	0-10ppm	0-20ppm, 0-50ppm, 0-100ppm	0.01ppm
HCN	0-10ppm	0-20ppm, 0-50ppm, 0-100ppm	0.01ppm
COCL2	0-1ppm		0.01ppm
CLO2	0-10ppm	0-20ppm, 0-50ppm, 0-100ppm	0.01ppm
SiH4	0-10ppm	0-50ppm	0.01ppm
F2	0-10ppm	0-1ppm	0.01ppm
HF	0-10ppm		0.01ppm
HBr	0-10ppm	0-50ppm, 0-100ppm	0.01ppm
H2O2	0-100ppm	0-500ppm, 0-1000ppm, 0-2000ppm	0.01, 0.1, 1ppm
B2H6	0-5ppm	0-10ppm	0.01ppm
AsH3	0-1ppm	0-10ppm, 0-50ppm	0.01ppm
GeH4	0-1ppm		0.01ppm
N2H4	0-1ppm		0.01ppm
THT	0-100ppm	0-50mg/m3, 0-100mg/m3	0.01ppm, 0.01mg/m3
Br2	0-5ppm	0-10ppm, 0-50ppm	0.01ppm
C2H2	0-100ppm	0-2.3%VOL	0.01ppm, 0.01%VOL
C2H4	0-10ppm	0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm, 2.4%VOL	0.01, 0.1, 1ppm, 0.01%VOL
CH3OH	0-100ppm	0-50ppm, 0-500ppm, 0-1000ppm	0.01, 0.1, 1ppm
C2H5OH	0-100ppm	0-50ppm, 0-500ppm, 0-1000ppm	0.01, 0.1, 1ppm

CH4S	0-100ppm		0.01ppm
C8H8	0-10ppm	0-50ppm, 0-100ppm, 0-1000ppm, 0-5000ppm, 0-10000ppm	0.01, 0.1, 1ppm
C4H6	0-10ppm	0-50ppm, 0-100ppm, 0-1000ppm, 0-5000ppm, 0-10000ppm	0.01, 0.1, 1ppm
VOC/TVOC	0-10ppm	0-1ppm, 0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm, 0-5000ppm, 0-10000ppm	0.001, 0.01, 0.1, 1ppm
CH3Br	0-10ppm	0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm, 0-5000ppm, 0-10000ppm	0.001, 0.01, 0.1, 1ppm
C6H6	0-10ppm	0-1ppm, 0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm, 0-5000ppm, 0-10000ppm	0.001, 0.01, 0.1, 1ppm
C7H8	0-10ppm	0-1ppm, 0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm, 0-5000ppm, 0-10000ppm	0.001, 0.01, 0.1, 1ppm
C8H10	0-10ppm	0-1ppm, 0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm, 0-5000ppm, 0-10000ppm	0.001, 0.01, 0.1, 1ppm

For other gases and the measure ranges that are not listed, please contact us for free quotes and information.