

Portable Gas Detector Model CS-1200



*High accuracy & Reliable
Comprehensive functions
Multi gases measurement*

CS – 1200

CS-1200 series gas detector is kind of mini size and high accuracy portable multi gas detector. Easy to operate, comprehensive functions, can measure 4 common gas hazards: carbon monoxide, hydrogen sulphide, flammable gases and oxygen depletion, other multi gases are available for customization. The detector is with back clip, protected by silicone case, suitable for different kinds of situations.

Features

High accuracy & Reliable

Diffusion type, can add external sampling pump, meet the demand of different situation.

Using world first brand sensors, high precision, the detection result is approved by the third testing organization.

Mini size, protected by case

Mini size, can be clipped on the belt or helmet.

Protected by silicone case, drop tested to 4m, water-proof, dust-proof, explosion-proof.

Multi gases measurement

Can measure up to four kinds of gases at the same time, like carbon monoxide, hydrogen sulphide, flammable gases and oxygen, other multi gases are available for customization.

Comprehensive functions

Gas concentration unit PPM and mg/m³ can be shifted by one press.

With Self-calibration and zero calibration functions, making the detection more accurate and reliable.

One press to restore factory setting, free from the bother of mis-operation

One press to check the battery and voltage

Long operation time

High capacity of lithium polymer rechargeable battery, for toxic gas: 14h continuously. For combustible gas: 10 h continuously.

Alarm mode

- Alarm with light, sound and vibration, the alarm sound can be turned on or off.
- Alarm point is settable according to the specific requirements.

Product Specification:

Sampling	Diffusion, available for external sampling pump
Data logging	Data logging with adjustable interval, and available for data downloading to PC through USB cable.
Precision	≤±3%F.S. (higher precision is available)
Zero shift	≤±1% (F.S./year)
Display	LCD dot matrix display, with display of gas type, real time gas concentration, gas unit.
Backlight	Time of backlight is settable, when alarm the backlight will be auto on.
Temperature	-20°C~50°C
Humidity	0-95%RH (non-condensing)
Explosion-Proof	ExiaIICT3
Degree of protection	IP65
Alarm	Sound: 85dB Light: LED, low alarm: blue, high alarm: red Alarm point is settable according to customer requirement.
Battery	3.6V 2300mAh lithium polymer rechargeable battery, for toxic gas: 14h continuously, for combustible gas: 10 h continuously, charging time: 4-6 h
Dimensions	131x83x35mm
Weight	240g

CS – 1200

The CS-1200 is available in full-range of gases:

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

Note: Other ranges are available upon request.

Distributed By:



Canadian Safety Co., Ltd.
 11781 Cascade Drive Delta
 B. C. Canada V4E 3C3
 Tel: (+1) 613 555 0122
info@cs-canadiansafety.com