

# Gassense 4x V2

## Personal Multigas Monitor

Oxygen, Toxic & Flammable Gases

O<sub>2</sub>

LPG

CO

CO<sub>2</sub>

CH<sub>4</sub>

SO<sub>2</sub>

Cl<sub>2</sub>

H<sub>2</sub>S

VOC

NH<sub>3</sub>

O<sub>3</sub>

- 2" Color LCD Display
- Graphic Trend Display
- Even Logging Record



## Gassense 4x V2

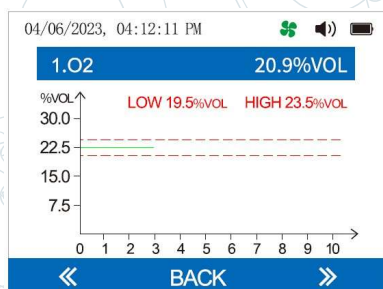
Gassense 4x is a simple to use reliable and robust multigas monitor with optional internal pump. Featuring intelligent sensor modules, shockproof construction and self checking software Gassense 4x V2 assures reliable gas detection in the toughest of environments.

### Robust and Flexible

- Rugged plastic housing with flexible internal assembly to resist shock and vibration
- Durable over moulded rubber for added protection
- Water and dust resistant to IP66/67
- Optional built-in pump
- Real time data graphic display
- Even Logging
- Fully interchangeable intelligent sensor modules

### Simple

- Simple to use, Real time data graphic display
- Easy to read backlit display for gas readings and diagnostics
- Easy read even logging record
- Rechargeable Li-ion battery gives 12 hours of continuous Operation.



Graphic Trend Display

04/06/2023, 04:12:11 PM		
O2 001/002		
Type	Val.	Time
HIGH	12676	04/06/2023, 14:32:11
HIGH	12676	04/06/2023, 14:30:12
HIGH	12676	04/06/2023, 11:03:35
HIGH	12676	04/06/2023, 10:56:45
BACK SURE		

Even Logging Record

### Alarms

- Loud 94dBA audible alarm
- Ultra bright green/red/blue alarm
- Vibrating alarm



Environmental  
www.delta-sense.com

# Gassense 4x V2

Gassense is a personal multigas monitor with an optional built-in pump designed to reliably detect gas in the toughest of environments.

## Gases and Ranges

Required ranges and alarms may vary by country and application and can be configured as required. Each gas channel can have two instantaneous alarm levels set. Toxic channels also have Time Weighted Average (TWA) alarms.

Flammable gas calibration is available for methane, propane, butane, Ethane, LPG, Petro Vepour, Jet Fuel etc.

Gassense 4x V2 are suitable for catalytic, electrochemical, NDIR and PID sensor technology.

## Typical ranges and alarms




Gas	Range	Standard Alarm (Eu)
Flammable	0-100% LEL	20% LEL
Oxygen	0-30%	19/23%
Hydrogen sulphide	0-100ppm	5ppm
Carbon monoxide	0-1000ppm	30ppm
Sulphur dioxide	0-20ppm	1ppm
Chlorine	0-20ppm	0.5ppm
Nitrogen dioxide	0-20ppm	1ppm
Ammonia	0-100ppm	25ppm
Ozone*	0-1ppm	0.1ppm
Hydrogen	0-1000ppm	N/A
Hydrogen cyanide	0-25ppm	5ppm
Hydrogen fluoride	0-10ppm	1ppm
Phosphine	0-5ppm	0.2ppm
Fluorine	0-1ppm	0.1ppm
Phosgene	0-1ppm	0.1ppm
Carbon dioxide	0-5%	0.5%

04/06/2023, 04:12:11 PM   

O2	LOW	19.5	%VOL
CO	HIGH	23.5	%VOL
H2S	STEL	60.0	%VOL
	TWA	29.0	%VOL
EX	MAX	36.0	%VOL

BACK SURE 

## Alarm Setting

04/06/2023, 04:12:11 PM   

Time set Set time

Backlig.

Language 

04

06


2023

Pump set 

04

12

11

BACK SURE 

## Time Setting

## Specification:

Weight	285 g with internal pump
Dimensions	5.31x2.68x1.70 Inches
	Diffusion Version
	5.90x2.68x2.36 Inches
	Internal Pump Version

Response Times (T<sub>90</sub>) < 20 Sec

Audible Alarms	94dB
	Multiple alarm sounds

Visible Alarms Green / Blue / Red

Vibrating Alarm Internal vibrating alarm

Display 300 x 400 graphic LCD colour display with backlight, giving simultaneous display for all gas channels. Graphic symbols for battery, Graphic curve display, pump operation, healthy operation or fault warning.

Display Mode Normal display for real time gas concentration levels. Display recall for the Peak readings and TWA.

Datalogging Event logging for 4 gases

Battery Types Rechargeable Li-ion battery 3000 mAh

Operating Time Rechargeable - 12 hour non pump

Sampling Hand aspirator or internal electric sampling pump

Operating Temperature Range -20 °C to +55 °C (-4 °F to +131 °F)  
Toxic and oxygen sensors are not rated for continuous operation at high temperatures. C

Humidity 95% RH

Ingress Protection IP 66/67

## Approval Codes

International IECEx Ex ia d IIC T4 Gb ( -20C ≤ Ta ≤ 55c)  
BAS04.0024

North America CSA UL/cUL Class I Division I Groups A, B, C, D

## Safety Standards

Europe EN60079-0, EN60079-11, EN60079-1, 94/9/

North America EC UL913, CSA22.2, 152

Calibrations Can be routinely calibrated manually

Accessories Gassense 4x V2 is supplied with a pocket clip. Pumped units are supplied with a sampling kit (flowplate and 0.2 m tubing)

Optional Accessories Universal harness plate, shoulder strap, chest harness, carry case, aspirator assembly (flow plate bulb and 2m/6ft tubing), fixed and telescopic sample probes and an in-line water trap.

## Gas Test Kit

The Gas Test Kit provides a simple and convenient means of carrying out either a pre-use (bump) test or a simultaneous four gas calibration (flammable, oxygen, hydrogen sulphide and carbon monoxide only).

## Easy Calibration

Gassense 4x can be routinely calibrated either manually providing the user with full configuration control, calibration and access to data and event logs files.



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