

THE FIRST AREA MONITOR WITH 2G/4G NETWORK CONNECTIVITY.

The G7 EXO is a next-generation area monitor for toxic and combustible gases. Just turn on the device to automatically start collecting data from the zone: gone are the days of manually collecting data and using RFID tags or manual networks to connect workers to the area monitor.

Like the wearable G7c portable gas detector, the G7 EXO uses cellular and satellite connectivity to connect to the Blackline Live cloud network. By combining the two systems, you can get a full picture of the zone you want to monitor:

- Location of other EXO area monitors and workers wearing the G7c via GPS signal
- Continuous gas readings
- Geofencing: technology that makes it possible to send messages or push notifications to users when they enter or leave a given geographic area

With visual and audible alerts, the G7 EXO can warn nearby teams while relaying the alert to the entire network via the Blackline Safety cloud through other G7c or G7 EXO devices in the zone. With its aluminium frame and colour display, it has been designed to withstand the toughest conditions while still being easy to use.

Good to know:

The G7 EXO is a plug-and-play system, and uses the same cartridges as the G7c.

Benefits:

- Replace a cartridge in under one minute
- Change the configuration in real time
- Receive automatic updates

TECHNICAL DATA

Size: 15.1 x 7.4 x 8.7 in. (38.5 x 18.8 x 22.0 cm)

Weight: 26 lbs (11.8 kg)

Temperature: -40°F to 131°F (-40°C to 55°C)

Humidity: 0 to 98 % HR, non-condensing

Alarms: Visual (Green, yellow, red, blue light), audible (110 dB @11.8 in. /30cm)

Test: Functional and calibration at start up, date out of date indicator

Operating time:

Diffusion mode: 100 days at 68°F (20°C), LEL-IR, H₂S, CO and O₂ config.
Pump mode: 30 days at 68°F (20°C), LEL-IR, H₂S, CO and O₂ config.

Protection Class: IP65

Approvals:

ATEX: Ex da ia IIC T4 Ga

IECEX: Ex da ia IIC T4 Ga

Electromagnetic compatibility - Directive 2014/53/EU
RoHS, CE, RCM

Warranty: 3 years



SENSOR SPECIFICATIONS

Gas	Sensor type	Measuring range	Resolution
Ammonia (NH ₃)	Electrochemical	0-100 ppm	0.1 ppm
High-range ammonia (NH ₃)	Electrochemical	0-500 ppm	1 ppm
Carbon monoxide (CO)	Electrochemical	0-500 ppm	1 ppm
High-range carbon monoxide (CO)	Electrochemical	0-2,000 ppm	5 ppm
Hydrogen resistant carbon monoxide (CO-H)	Electrochemical	0-500 ppm	1 ppm
Carbon dioxide (CO ₂)	NDIR	0-50,000 ppm	50 ppm
Chlorine (Cl ₂)	Electrochemical	0-20 ppm	0.1 ppm
Chlorine dioxide (ClO ₂)	Electrochemical	0-2 ppm	0.01 ppm
Dual tox CO/H ₂ S	Electrochemical	0-500 ppm CO 0-100 ppm H ₂ S	1 ppm CO 0.1 ppm H ₂ S
Hydrogen (H ₂)	Electrochemical	0-40,000 ppm	1% LEL (400 ppm)
Hydrogen cyanide (HCN)	Electrochemical	0-30 ppm	0.1 ppm
Hydrogen sulphide (H ₂ S)	Electrochemical	0-100 ppm	0.1 ppm
High-range hydrogen sulphide (H ₂ S)	Electrochemical	0-500 ppm	0.5 ppm
LEL-infrared (LEL-IR)	NDIR	0-100% LEL	1% LEL
Oxygen (O ₂)	Electrochemical	0-25% vol	0.1% vol
VOC (PID)	PID	0-6,000 ppm	0.1 ppm (0-100 ppm) 2 ppm (100-6,000 ppm)
Sulphur dioxide (SO ₂)	Electrochemical	0-100 ppm	0.1 ppm
Ozone (O ₃)	Electrochemical	0-1 ppm	0.01 ppm
LEL	LEL MPS	0-100% LEL	1% LEL

NEW