

# ► Dräger X-am 2800

Multigas Detection System (Ex, O<sub>2</sub>, CO, H<sub>2</sub>S, NO<sub>2</sub> ou SO<sub>2</sub>)



## Product description

### ► The Portable Multi-Gas Detector

The **X-am® 2800** portable multi-gas detector is specially designed for personal monitoring in industrial environments. It can simultaneously measure up to four gases (explosive gases, O<sub>2</sub>, CO, H<sub>2</sub>S, NO<sub>2</sub>, or SO<sub>2</sub>). It combines performance, robustness, and safety while reducing operating costs.

### ► Poison-resistant Ex SR sensor

The next-generation Ex sensor is highly robust, resistant to shocks, silicone poisoning, and hydrogen sulfide. It can be calibrated in just a few seconds, offers excellent shock resistance, and has a lifespan of over 4 years.

### ► Long-life electrochemical sensors

Equipped with long-lasting XXS sensors, the device ensures reliable measurements of O<sub>2</sub>, CO, H<sub>2</sub>S, NO<sub>2</sub>, or SO<sub>2</sub> gases. These sensors are energy-efficient and highly durable.

### ► Ergonomic and robust

Compact and lightweight, the detector is designed for maximum comfort. It's easy to wear and operate—even with gloves—thanks to its large buttons. The clear display shows key information such as gas readings, alarms, and time. The green D-light LED indicates that the device is ready for use.

### ► Maximum safety

Approved for use in Ex zone 0, **the X-am 2800** ensures maximum safety in hazardous environments. It complies with IP68 standards and features four alarm thresholds for oxygen, including pre-alarm and main alarm levels. In addition to the manual emergency alarm, an optional motionless alarm provides full personal protection.

### ► Advances connectivity

**The X-am 2800** features Bluetooth 5.0 for real-time data transfer to a smartphone, the ConHub gateway, or the cloud via the X-dock station. Data can be accessed from any web browser using the Dräger Gas Detection Connect software.

### ► Data management and analysis

The detector simplifies fleet management with Dräger Gas Detection Connect software. It enables real-time data transfer via Bluetooth to a smartphone, ConHub, or the cloud through X-dock. The X-dock station performs quick tests with low gas consumption, offers automatic firmware updates, and supports an optional RFID transponder. Parts are easy to replace, the device includes a 4-year warranty, and it remains compatible with accessories from previous product lines.

### ► Maintenance included

This device comes with included maintenance, to be carried out twice a year, ensuring your equipment remains in optimal working condition.

## Caractéristiques techniques

### Measuring Range:

- Combustible gases: 0 to 100% LEL in 1% increments
- Oxygen (O<sub>2</sub>): 0 to 30% vol. in 0.1% increments
- Carbon monoxide (CO): 0 to 2,000 ppm in 1 ppm increments
- Hydrogen sulfide (H<sub>2</sub>S): 0 to 200 ppm in 0.1 ppm increments

### Alarms:

Audible and visual (red LED for gas alarm, yellow LED for device-related alarm)

**Dimensions (W x H x D):** 130 x 48 x 44 mm

**Weight :** 250 g

### Ambient Conditions :

- Protection rating: IP68
- Temperature: -20 to +50 °C
- Relative humidity: 10 to 95% RH

### Operating time :

- > 12 h with NiMH batteries
- > 100 h sans capteur Ex

Charging time < 4 h

### Certifications:

ATEX : I M1 Ex da ia I Ma • II 1G Ex da ia IIC T4 Ga •

IECEX : Ex da ia I Ma - Ex da ia IIC T4 Ga

CSA (Canada & USA) : Classe I, Zone 0, AEx da ia IIC T4/T3 Ga

Classe I, groupes A, B, C, D - Classe II, division 1, groupes E, F, G

EAC : PO Ex da ia I Ma X - 0Ex da ia IIC T4 Ga X

Directives ATEX : 2014/34/UE

Directives RoHS : 2011/65/UE

CE Compliance

**Warranty:** 4 years for the device (electronics and housing)

3 years for sensors (except NO<sub>2</sub> [1 year] and SO<sub>2</sub> [2 years])

1 year for the power supply (battery pack)