DrägerSensor XXS
DrägerSensors

Dräger has developed miniature electrochemical sensors specially for the Dräger Pac\textsuperscript{®} and X-am\textsuperscript{®} 1/2/5 generation. The sensors detect many different gases and vapours. They are also very reliable and stable over the long-term, thereby reducing your operating costs.
Benefits

**XXS in size – XXL in performance**

Portable gas-detection devices for daily use should be as small, light and robust as possible – but also offer maximum performance. Reason enough for us to reduce the volume and weight of the sensors drastically and develop a miniaturised XXS generation of DrägerSensors. High sensitivity and improved gas selectivity combined with excellent long-term stability and rapid response times guarantee that users are alerted quickly and reliably to the presence of hazardous gases, providing more safety at work.

**Sensor diversity**

In addition to the DrägerSensors XXS H\textsubscript{2}S, CO and O\textsubscript{2}, Dräger also offers sensors for hydride, amine and organic vapours. The sensitivity data for more than 12 different gases and vapours stored on the XXS OV sensors make it possible to detect several gas hazards with a single sensor.

**Internal development**

We develop the sensors ourselves using our own engineering knowledge. In this way, we can assure their quality and we know the measurements are accurate. This allows them to be fully utilized in combination with our full line of in-house developed Dräger gas detectors.

**Low operating costs**

Our sensors deliver reliable measurement results and have long calibration intervals. Depending on the sensor type, we ensure a lifetime of up to five years.
System Components

**Dräger Pac® 3500**

Fast and reliable, accurate and maintenance-free for up to two years: Dräger Pac® 3500 is ideal for the industrial personal monitoring of carbon monoxide, hydrogen sulphide or oxygen.

**Dräger Pac® 5500**

Longer assignments are its speciality: the single gas instrument, Dräger Pac® 5500, has no lifetime limitation, and is ideal for fast and accurate personal monitoring and the detection of carbon monoxide, hydrogen sulphide or oxygen.

**Dräger Pac® 7000**

Safety in the workplace is always paramount: Depending on its configuration, the single-gas device Dräger Pac® 7000 warns against the hazardous concentrations of 12 different gases. Unique offer: the optional five-year guarantee on H₂S, O₂ and CO sensors.

**Dräger X-am® 2500**

The Dräger X-am® 2500 was especially developed for use as personal protection. The 1 to 4 gas detector reliably detects combustible gases and vapours, as well as O₂, CO, NO₂, SO₂ and H₂S. Reliable and fully mature measuring technology, durable sensors and easy handling guarantee a high degree of safety with extremely low operating costs.
System Components

Dräger X-am® 5000
The Dräger X-am® 5000 belongs to a generation of gas detectors, developed especially for personal monitoring applications. This 1- to 5-gas detector reliably measures combustible gases and vapors as well as O₂ and harmful concentrations of toxic gases, organic vapors, Odorant and Amine.

Dräger X-am® 5600
Featuring an ergonomic design and innovative infrared sensor technology, the Dräger X-am® 5600 is the smallest gas detection instrument for the measurement of up to 6 gases. Ideal for personal monitoring applications, this robust and water-tight detector provides accurate, reliable measurements of explosive, combustible and toxic gases and vapors as well as oxygen.

Related Products

Dräger Catalytic Ex-Sensors
High product quality, low operational costs: Thanks to DrägerSensor CatEx PR technology, our sensors are resistant to poisoning and particularly stable over the long-term. They also deliver fast response times for rapid warnings of gas hazards.
Dräger Infrared Sensors

Dräger infrared sensors deliver the best-possible measurement results and are unaffected by sensor poisons. The long service life of these sensors results in hardly any follow-up costs. You can also use Dräger infrared sensors to take Ex and CO₂ measurements simultaneously.