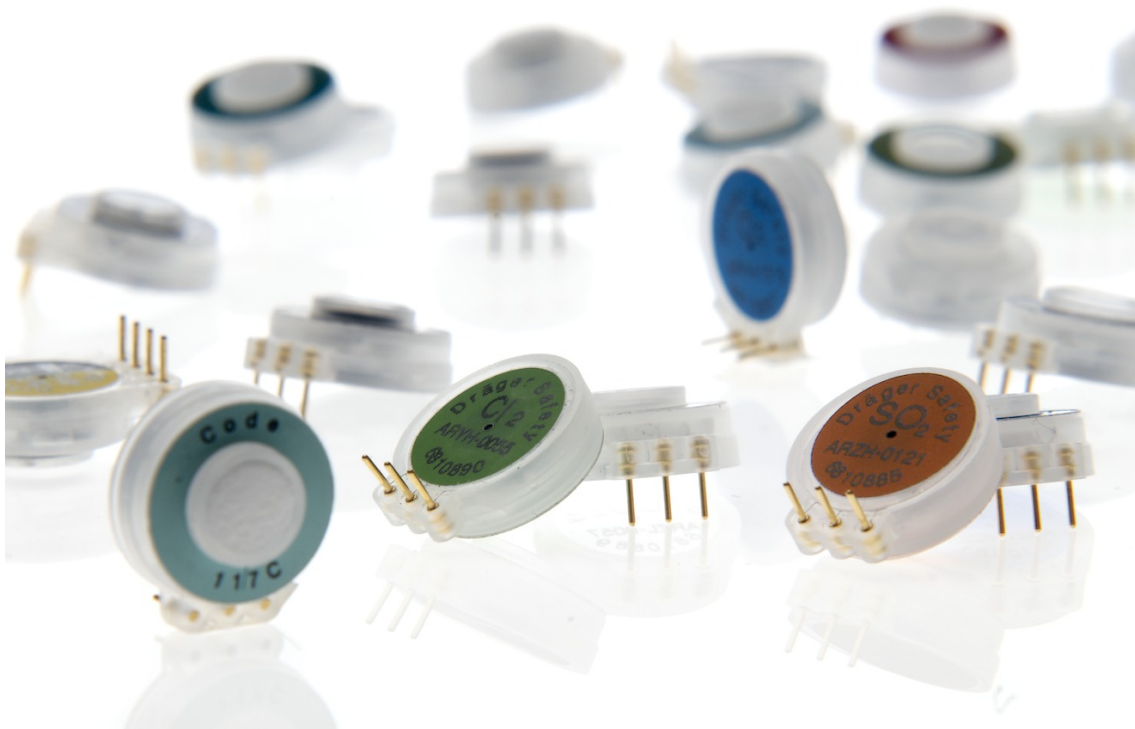


DrägerSensor XXS DrägerSensors

Dräger has developed miniature electrochemical sensors specially for the Dräger Pac®, X-am® 1/2/5 and X-am® 8000 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 ensure 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 H₂S, CO and O₂, 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.

Two in one

The dual sensors combine the special features of two sensors. We are setting new standards for simultaneous testing using a single sensor: simultaneous O₂ % by vol. testing and ppm testing for CO or H₂S.

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

D-4877-2017



Dräger Pac® 6000

The disposable personal single-gas detection device, Dräger Pac® 6000, measures CO, H₂S, SO₂ or O₂ reliably and precisely, even in the toughest conditions. The robust design, quick sensor response times, and a powerful battery ensure maximum safety for up to two years with virtually no maintenance required.

D-4887-2017



Dräger Pac® 6500

The robust Dräger Pac® 6500 is your reliable companion under tough conditions. The personal single-gas detection device measures CO, H₂S, SO₂ or O₂ quickly and precisely. Quick sensor response times and a powerful battery also ensure safety.

D-4889-2017



Dräger Pac® 8000

With the robust Dräger Pac® 8000, you'll be well equipped for tough conditions: this non-disposable, personal single-gas detection device is a reliable and precise instrument, which detects hazardous concentrations of 29 different gases, including special gases like NO₂, O₃ or COCl₂.

D-4896-2017



Dräger Pac® 8500

The Dräger Pac® 8500 single-gas detection device is a reliable and precise instrument even under the toughest of conditions. The device can be equipped with a hydrogen-compensated CO sensor or a Dräger dual sensor. This gives you the option of measuring two gases at once: either H₂S with CO or O₂ with CO.

System Components

D-59024-2012



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, H₂S, NO₂ and SO₂. Reliable and fully mature measuring technology, durable sensors and easy handling ensure a high degree of safety with extremely low operating costs.

D-14325-2017



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 oxygen and harmful concentrations of toxic gases, organic vapors, Odorant and Amine.

D-27784-2009



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.

D-6491-2017



Dräger X-am® 8000

Clearance measurement was never this easy and convenient: The 1 to 7 gas detector detects toxic and flammable gases as well as vapours and oxygen all at once – either in pump or diffusion mode. Innovative signalling design and handy assistant functions ensure complete safety throughout the process.

Related Products

D-27796-2017



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.

D-2105-2011



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.

D-13891-2017



PID sensors

PID sensors are the ideal choice for detecting low concentrations of volatile organic compounds. A PID (photoionization detector) is used to measure hazardous substance groups or can even be adjusted to measure individual substances.