

A man and a woman in industrial safety gear are looking at a tablet together. The man is wearing a white hard hat, safety glasses, and a high-visibility yellow jacket. The woman is wearing a white hard hat, safety glasses, and a dark jacket. Both have Dräger gas detectors clipped to their belts. The background is a blurred industrial site.

# Portable gas detection Solutions and services

**Dräger**

Technology  
for Life



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# Reliable solutions for your safety

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Your job involves working hard in a potentially hazardous environment. We give you the confidence to face each task safely. That's why we invest in leading research, use the highest-grade materials and constantly refine our technologies.

Our portable gas detection systems are simple to operate and versatile in use, so you stay protected at work, while keeping your operating costs lower.





# From the first Dräger tube to today: The evolution of gas detection

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When we developed our first portable gas detection device, the classic Dräger-Tubes, many miners were still relying on canaries to check for oxygen underground. Even then, we understood the core challenge of gas detection: accurately and reliably identifying all hazardous gases, not just oxygen. Whether you're working with toxic or flammable gases, we now offer a wide range of proven detection tools to match your needs.





# Over 80 years of innovation in portable gas detection means real-world experience

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Our portable detectors are used in almost every industry: wherever people need protection on the job. Use them to monitor confined spaces, open areas, workplaces or for locating leaks.

## **A wide range of sensors**

Our single- and multi-gas devices detect a broad spectrum of gases and vapours. Dräger sensors respond quickly and many offer extended service life, especially for standard gases.

## **Streamlined maintenance**

Be ready for the next job faster: Our digital solutions support smart fleet management with fast, automated test processes.

## **Quality pays off**

High durability, resistance to sensor poisoning and low cross-sensitivity make these detectors a smart investment. Our cost-effective sensors offer long life spans, and Dräger-Tubes require no calibration, making them ideal for dependable batch testing.





# Optimal protection with maximum efficiency

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## A connected safety system

By combining gas alarm reports, test stations and cloud-based insights from the Gas Detection Connect Cloud, you get a complete system that improves workflows and supports faster decision-making.

Whether you own or lease our equipment, what matters is having the right tools in place to keep your teams safe and your operations running smoothly. Take a closer look at what we offer.





# Safety you can measure



## Gas detection designed for your protection

We offer a complete portfolio of high-performance gas detection solutions built for the demands of real working environments.

Whether it's a single-gas monitor for personal safety, a multi-gas device for confined spaces or reliable testing with our classic Dräger-Tubes, you'll find exactly what you need.

And with our full range of accessories from pumps and probes to apps, analytics, software and training, you're fully equipped for every task. Benefit from our comprehensive range of products for ideal protection for all of your day-to-day and extraordinary challenges.



Dräger single-gas detectors

# The right solution for every job

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If the risk can be linked to a specific gas or substance, single-gas detectors are the perfect solution for on-the-job personal safety. They're compact, rugged and comfortable to wear. Typically clipped near the breathing zone, they stay out of the way while keeping workers safe. We offer you maximum protection, so you can deliver your best performance on the job.





D-16271-2024



### Dräger Pac 6000

- Up to two years of use with CO, H<sub>2</sub>S, SO<sub>2</sub> or O<sub>2</sub>
- Rugged design, fast-responding sensors, long-life battery
- Optional extended runtime

D-16279-2024



### Dräger Pac 6500

- Unlimited-use detector for CO, H<sub>2</sub>S, SO<sub>2</sub> or O<sub>2</sub>
- Rugged design, fast-responding sensors, long-life battery

D-45502-2021



### Dräger Pac 8000

- Unlimited-use detector for special gases such as NO<sub>2</sub>, O<sub>3</sub>, H<sub>2</sub> or COCl<sub>2</sub>
- Rugged design, fast-responding sensors, long-life battery

D-45509-2021



### Dräger Pac 8500

- Unlimited-use detector with hydrogen-compensated CO sensor or dual sensor for H<sub>2</sub>S/CO, O<sub>2</sub>/CO or H<sub>2</sub>S/O<sub>2</sub>
- Rugged design, fast-responding sensors, long-life battery

D-7474-2019



### Dräger X-am 5100

- Rugged build with a large display
- Ideal for highly reactive gases like HF, HCl, H<sub>2</sub>O<sub>2</sub> and N<sub>2</sub>H<sub>4</sub>
- Compatible with Dräger X-zone 5500/5800 for area monitoring





	Dräger Pac 6000	Dräger Pac 6500	Dräger Pac 8000	Dräger Pac 8500	Dräger X-am 5100
<b>Properties</b>					
Detected gases	CO, O <sub>2</sub> , H <sub>2</sub> S, SO <sub>2</sub>	CO, O <sub>2</sub> , H <sub>2</sub> S, SO <sub>2</sub>	NO, CO <sub>2</sub> , Cl <sub>2</sub> , HCN, NH <sub>3</sub> , PH <sub>3</sub> , OV, OV-A, NO <sub>2</sub> , ozone, phosgene, H <sub>2</sub>	CO H <sub>2</sub> -CP, CO/ H <sub>2</sub> S, CO/O <sub>2</sub> , H <sub>2</sub> S/ O <sub>2</sub>	H <sub>2</sub> O <sub>2</sub> , HF/HCL, hydrazine
<b>Technical data</b>					
Operating temperature (device)	-40°C to 55°C	-40°C to 55°C	-40°C to 55°C	-40°C to 55°C	-20°C to 50°C
Max. battery life (24/7)	2 years <sup>1</sup>	2 years <sup>1</sup>	2 years	1 year	
Rechargeable battery					●
Runtime	2 years, extended runtime available	Unlimited	Unlimited	Unlimited	Unlimited
Weight	106 g	106 g	106 g	106 g	220 g
<b>System compatibility</b>					
Bump test station	●	●	●	●	
Dräger X-dock	●	●	●	●	
Dräger X-zone					●
<b>Key features</b>					
Bluetooth®/open GATT option		●	●	●	
Replaceable filter	●	●	●	●	
D-Light	●	●	●	●	
TLV / STEL / peak	●	●	●	●	●
Data logger	●	●	●	●	●
Dual sensor				●	

<sup>1</sup>With O<sub>2</sub> sensor 1 year  
Bluetooth® is a registered trademark of Bluetooth SIG, Inc.



Dräger multi-gas detectors

# Ready to respond to danger

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Whether for personal protection, area monitoring, clearance measurements in confined spaces or tanks, or safety checks in shafts, sewers and storage tanks, the Dräger X-am series is designed to get the job done. These portable detectors provide reliable readings through long-lasting, high-performance sensors developed in-house. With Dräger, you get maximum safety with impressively low operating costs.







D-59025-2012



### Dräger X-am 2600

- 1 to 4 gases
- Detect flammable gases and vapours, plus O<sub>2</sub>, CO and H<sub>2</sub>S
- Initial operating time of 3 years, can be extended via licence
- Bluetooth®

D-7284-2021



### Dräger X-am 5800

- 1 to 6 gases
- Ex-toxic-oxygen gas detection
- Sensor options: catalytic, infrared\*, PID and a wide range of electrochemical sensors
- Can be used with Dräger X-zone 5500/5800\* for areamonitoring
- Bluetooth®

D-7284-2021



### Dräger X-am 2800

- 1 to 4 gases
- Detect flammable gases and vapours, plus O<sub>2</sub>, CO, H<sub>2</sub>S, NO<sub>2</sub> and SO<sub>2</sub>
- Bluetooth®
- Can be used with Dräger X-am pump for clearance measurements

D-11860-2016



### Dräger X-am pump

- External pump
- Compatible with Dräger X-am 2500, 2800, 5000, 5600 and 5800 gas detectors
- Pump starts automatically when connected to detector

\* Please contact Dräger for availability.





	Dräger X-am 2600*	Dräger X-am 2800	Dräger X-am 5800**
<b>Properties</b>			
Detected gases	Ex (flammable gases, vapours), O <sub>2</sub> , CO, H <sub>2</sub> S	Ex (flammable gases, vapours), O <sub>2</sub> , CO, H <sub>2</sub> S, NO <sub>2</sub> and SO <sub>2</sub>	Ex, O <sub>2</sub> , CO, H <sub>2</sub> S, NO <sub>2</sub> , SO <sub>2</sub> , CO <sub>2</sub> , VOC (PID) ... (choice of 39 sensors)
Application area	PAM	PAM + CSE	PAM + CSE + area monitoring**
<b>Technical data</b>			
Weight	220 g	220 g	220 g
Max. number of gases	4	4	6
<b>System compatibility</b>			
Dräger X-dock calibration station & fleet management, Dräger Gas Detection Connect	●	●	●
Bump test station	●	●	●
Dräger X-zone (area monitoring)			●**
Dräger X-am pump (external pump)		●	●
<b>Key features</b>			
D-Light (confidence signal)	●	●	●
Bluetooth®	●	●	●
Custom settings via CC Vision PC software	●	●	●
Factory pre-configured options		●	●
Bodyguard function (man-down alarm, SOS alert)		●	●

\* Initial operating time of 3 years, extendable via licence.

\*\* Please contact Dräger for availability.

PID = photoionisation detector / PAM = personal air monitoring / CSE = confined space entry.

Bluetooth® is a registered trademark of Bluetooth SIG, Inc.



Dräger multi-gas detectors

# For clearance measurements and specialised applications

Clearance testing has never been so simple and convenient. The Dräger X-am 3500 (1–4 gases) and Dräger X-am 8000 (1–7 gases) detect toxic and flammable gases, vapours and oxygen simultaneously, whether in pumped or diffusion mode. The X-am 8000 combines an innovative signalling concept, clear colour display, internal pump and smart assistant functions to deliver safe, easy operation and full process reliability.







D-16791-2016



D-406-2018

Dräger X-am 3500

- 1 to 4 gases
- Detect flammable gases and vapours, plus O<sub>2</sub>, CO, H<sub>2</sub>S, NO<sub>2</sub> and SO<sub>2</sub>
- With internal pump
- Designed specifically for clearance measurements, with easy switch between diffusion and pump mode



D-6521-2017

Dräger X-am 8000

- 1 to 7 gases
- Detects toxic gases, oxygen, flammable gases and vapours
- Internal pump available as an option
- Designed specifically for clearance measurements, with easy switch between diffusion and pump mode
- Assistance functions available

	Dräger X-am 3500	Dräger X-am 8000
<b>Properties</b>		
Detected gases	Ex (flammable gases, vapours), O <sub>2</sub> , CO, H <sub>2</sub> S, NO <sub>2</sub> and SO <sub>2</sub>	Ex, O <sub>2</sub> , CO, H <sub>2</sub> S, NO <sub>2</sub> , SO <sub>2</sub> , CO <sub>2</sub> , VOC (PID) ... (choice of >45 sensors)
Application area	CSE + PAM	PAM + CSE + zone monitoring
<b>Technical data</b>		
Weight	550 g	495–600 g
Max. number of gases	4	7
Internal pump	●	● Optional
<b>System compatibility</b>		
Dräger X-dock calibration station & fleet management	●	●
Dräger Gas Detection Connect	●	●
<b>Key features</b>		
Colour display	●	●
Inductive charging	●	●
D-Light (confidence signal)	●	●
Custom settings via CC Vision PC software	●	●
Assistance functions, e.g. clearance measurement assistant		●
Factory pre-configured options		●

PID = photoionisation detector / PAM = personal air monitoring / CSE = confined space entry. Bluetooth® is a registered trademark of Bluetooth SIG, Inc.



Dräger area monitors

# Extended protection from gas hazards

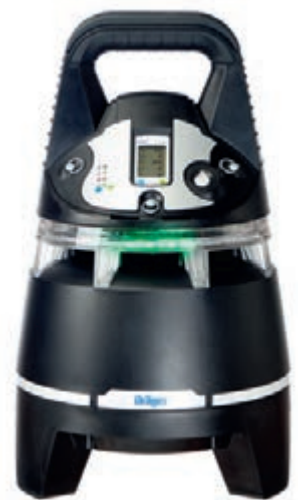
Dräger area monitors connect with each other automatically. This creates a wireless alarm chain, ensuring alerts are clearly seen and heard across wide distances. The Dräger X-zone 5500/5800 display gas readings and alarms in seconds across every connected unit.







D-5773-2017



D-21254-2020

Dräger X-zone 5500/5800

- Area monitoring
- Compatible with Dräger X-am 5000, 5100, 5600 or 5800\*, supports monitoring of 1 to 6 gases
- Enables large-scale area monitoring through alarm chains of up to 25 devices

	Dräger X-zone 5500	Dräger X-zone 5800
Properties		
Application area	Area monitoring	Area monitoring
Technical data		
Runtime	Approx. 120 h (24 Ah battery)	Approx. 120 h (24 Ah battery)
Protection rating (IP class)	IP67	IP67
Weight	10 kg	10 kg
System compatibility		
Dräger X-am 5000	●	●
Dräger X-am 5100	●	●
Dräger X-am 5600	●	●
Dräger X-am 5800*	●	●
Key features		
Wireless communication	Global licence-free ISM frequencies	Global licence-free ISM frequencies
Wireless range	Stable, interference-free transmission up to 100 m	Stable, interference-free transmission up to 100 m
Gas inlet	360°	360°
Power supply Ex/electrical supply		●
Pump version available		●
Volt-free relay contact	●	●
Modbus data interface	●	●

\* Please contact Dräger for availability.



Dräger X-pid 9500 / 9500+

# Selective detection of hazardous substances

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When working in confined spaces like silos or tanks, gas detectors are essential for protecting yourself and others. The Dräger X-pid 9500/9500+ monitors the surrounding air for benzene, butadiene and other easily volatile organic compounds, identifying even trace levels of carcinogenic substances.







D-14758-2018



D-1203-2021

### Dräger X-pid 9500 / 9500+

- Selective measurement of VOCs in gas mixtures
- Ideal for frequent testing of toxic and carcinogenic substances
- Laboratory-quality results even at very low concentrations
- Benzene detection from 5 ppb (X-pid 9500+) / 50 ppb (X-pid 9500)
- No consumables required per measurement

Dräger X-pid 9500 / 9500+	
Properties	
Target substances (analysis mode)	Benzene, butadiene and 60+ other VOCs
Extendable substance database	●
Total VOC measurement (search mode)	●
Technical details (sensor unit)	
Temperature range	-10°C to +35°C
Weight	880 g (2 lb)
Protection rating (IP class)	IP54
Key features	
Measurement technology	Gas chromatography + PID sensor
Internal pump (10 m probe attachable)	●
Fresh air calibration in contaminated environments	●
Certifications	
Explosion protection zone (sensor unit)	Zone 0
Explosion protection zone (control unit)	Zone 1
ATEX	●
IECEX	●
cCSAus	●



Dräger sensors

**Precise.**

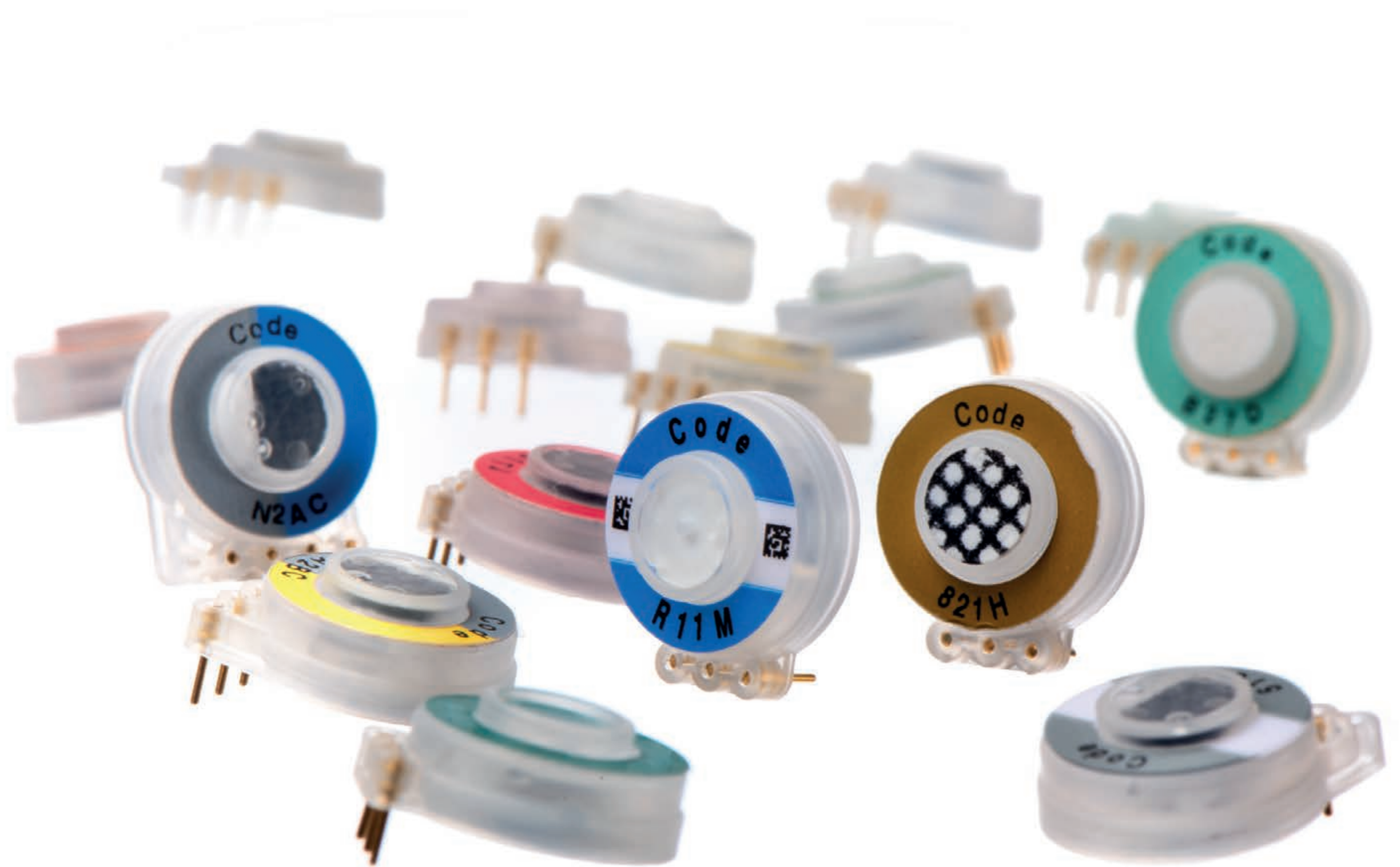
**Durable.**

**Trusted quality**

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Dräger's electrochemical, catalytic, infrared and PID sensors are trusted worldwide for their precision and cutting-edge technology. All our sensors are produced in cleanroom conditions and individually tested before leaving the factory. They deliver reliable performance even in tough environments like mining, offshore platforms, refineries and chemical plants.

D-1064-2024





D-7212-2019



### DrägerSensor XXS

- Electrochemical sensor
- Monitors toxic gases and oxygen deficiency
- Compatible with: Dräger Pac series and all devices in the Dräger X-am family
- Measuring range: in vol% and ppm

D-13891-2017



### Dräger PID sensors

- Detect volatile organic compounds at low concentrations
- Compatible with: Dräger X-am 8000 (PID HC and PID LC ppb) – selective benzene measurement possible with pre-tube / Dräger X-am 5800 (PID HC neo)
- Measuring range: from ppm to ppb

D-8877-2019



### DrägerSensor XS (HF/HCl, H<sub>2</sub>O<sub>2</sub>, N<sub>2</sub>H<sub>4</sub>)

- Electrochemical sensor
- Monitors reactive toxic gases such as hydrogen chloride, hydrazine and hydrogen peroxide
- Compatible with Dräger X-am 5100
- Measuring range: in ppm

D-1604-2010



### Dräger infrared sensors

- Monitor flammable gases, vapours and CO<sub>2</sub>
- Ideal for measuring hydrocarbons in inert atmospheres
- Compatible with: Dräger X-am 5600/8000 (IR ES Serie) and X-am 5800 (XD-IR series)
- Measuring range: lower explosion limit and up to 100 vol% CH<sub>4</sub>, for CO<sub>2</sub> 0-5 vol%
- CO<sub>2</sub> 100 vol% (only for dual IR Ex/CO<sub>2</sub> HC)

D-1178-2021



### Dräger catalytic Ex sensors

- Detects flammable gases and vapours
- High resistance to poisoning from silicones and H<sub>2</sub>S
- Compatible with: Dräger X-am 2500, 5000 / X-am 3500, 8000 (CatEx 125 PR) / X-am 2600 / 2800 / 5800 (CatEx SR)
- Measuring range: lower explosive limit and 100 vol% CH<sub>4</sub>
- CatEx H<sub>2</sub> 100: optimised for hydrogen measurement up to 100 vol% (only for X-am 8000)
- Gas type configuration: wide range of combustible gases supported, automatic calibration with substitute gases is possible





	DrägerSensor XXS	DrägerSensor XS (HF/HCl, H <sub>2</sub> O <sub>2</sub> , N <sub>2</sub> H <sub>4</sub> )	Dräger catalytic Ex sensors	Dräger PID sensors	Dräger infrared sensors
Measurement technology	Electrochemical	Electrochemical	Catalytic bead	Photoionisation	Infrared
Device compatibility	Single-gas: Dräger Pac 6x00/8x00 Multi-gas: Dräger X-am 2500/5000/5600 Dräger X-am 2600/2800/5800 Dräger X-am 3500/8000	Single-gas: Dräger X-am 5100	Multi-gas: Dräger X-am 2500, 5000/ 3500, 8000 (CatEx 125 PR) Dräger X-am 2600/2800/5800* (CatEx SR), Dräger X-am 8000 (CatEx H <sub>2</sub> 100)	Multi-gas: Dräger X-am 8000 (PID HC + LC) Dräger X-am 5800 (PID HC neo)	Multi-gas: Dräger X-am 5600/ 8000 (IR ES series) Dräger X-am 5800* (XD-IR series)
Application					
Ex			●		●
Ox	●				
Tox	●	●		●	IR: Tox CO <sub>2</sub>
Carcinogenic	● <sup>1</sup>	● <sup>2</sup>		●	

<sup>1</sup> OV sensors

<sup>2</sup> N<sub>2</sub>H<sub>4</sub>

\* Please contact Dräger for sensor availability.



Dräger cloud solutions

# Fleet management and live monitoring

With the future-ready, cloud-based software solution Dräger Gas Detection Connect, you can manage your device fleet efficiently while enhancing safety across your work environment. All test and device data is stored centrally and automatically via the connected Dräger X-dock test station. With Dräger Pac and Dräger X-am devices linked via the app or ConHub, location data, live readings and alarms can be sent directly to Gas Detection Connect for display, logging and analysis.

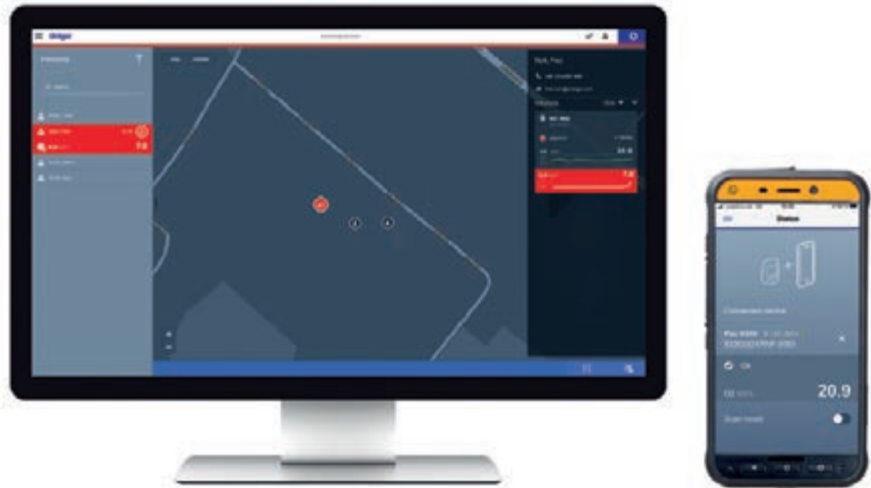






D-54-2022

D-5238-2023



### Dräger Gas Detection Connect

- Software solution
- Asset management and live monitoring
- Data transfer via cloud backend
- Increased efficiency and improved safety

#### Properties

Software-as-a-service (SaaS) system

Application area

#### Technical data

Components

Connected devices

Installation

Recommended browser

Supported app stores

Backend

Encryption

Data centre

#### Service

24/7 service hotline

Unlimited data storage

Software upgrades (new features)

Bug fixes and updates

### Dräger Gas Detection Connect

Live data transfer from devices and alarms via Dräger ConHub or the GDC app to the cloud backend, direct data transfer from the X-dock test station, data available at any time and from any location

Testing, documenting and storing gas detection devices and their data, monitoring readings and personnel in hazardous areas

Web application (browser access),  
smartphone app, cloud backend

Dräger X-dock, Dräger Pac 6500, 8000, 8500,  
X-am 2800, 5800, Dräger ConHub, Dräger X-zone  
5500, 5800

No software installation required

Google Chrome

Apple App Store (iOS), Google Play Store (Android)

Microsoft Azure Cloud

HTTPS, TLS 1.2 (data security sheet available)

Data stored in the EU (GDPR applies)

●

●

●

●





DSC3810



D-12780-2023

### Dräger ConHub

- Smart gateway for Gas Detection Connect
- Innovative, extended area monitoring
- Flexible live monitoring at low cost
- Suitable for continuous use in Zone 1
- Configure and update devices from anywhere
- Designed with sustainability in mind

	Dräger ConHub
Technical data	
Dimensions (H x W x D)	347 x 284 x 171 mm (13.7 x 11.2 x 6.7 in)
Weight	Approx. 8 kg (17.6 lb) with 92 Wh rechargeable battery
Ambient conditions	Temperature: -20°C to max. +50°C (-4°F to max. +122°F) Pressure: 800-1100 mbar Humidity: max. 95%
Protection rating	IP65
Visual alarms	LED strips, LED symbols
Operating times	Approx. 60 h at 20°C (68°F) with one 92 Wh rechargeable battery Approx. 120 h at 20°C (68°F) with two 92 Wh rechargeable batteries Permanent use in explosion-protected and non-explosion-protected areas when used with explosion-protected power supply unit
Location tracking	<ul style="list-style-type: none"><li>• GPS</li><li>• Galileo</li><li>• Manual location entry</li></ul>
Charging time	Approx. 12 h Flexible power supply: external charger 100-240 V (global)
External wired connection	Modbus connection to X-zone 5X00 I/O switching (not available at launch) Passive 4-20 mA input (not available at launch) Ethernet port for connection to Gas Detection Connect (not available at launch)
External wireless connection	LTE connection to Gas Detection Connect WiFi® connection to Gas Detection Connect Bluetooth® connection to Dräger Pac (Bluetooth®), Dräger X-am 2800, Dräger X-am 5800



Calibration and function tests

# More efficiency in daily routines

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Our calibration and bump test stations simplify your workflow and help speed up processes. The Dräger X-dock series gives you full control over your portable Dräger gas detection devices. Automatic bump tests and calibrations with reduced gas consumption and short test times save time and cost. Extensive logging and evaluation via Gas Detection Connect keeps everything traceable and transparent.







D-32135-2011



D-40477-2021



D-52864-2012



D-24997-2020

### Dräger Bump-Test-Station

- Function tests using a test gas cylinder
- Operates without electricity
- Supports Dräger Pac series and Dräger X-am 2/5X00



D-2745-2018

### Dräger X-dock 5300/6300/6600

- Automatic function tests and calibrations
- Reduced test gas consumption, short test cycles
- Available in a wide range of models
- Supports Dräger Pac and Dräger X-am series
- Stores data; additional insights available via Gas Detection Connect





	Dräger Bump-Test-Station	Dräger X-dock 5300	Dräger X-dock 6300	Dräger X-dock 6600
<b>Properties</b>				
Gas inlets	1	3	3	6
Gas flow	0.5 l/min	0.3 l/min	0.3 l/min	0.3 l/min
Max. number of connectable modules		1	10 <sup>*1</sup>	10 <sup>*1</sup>
<b>Technical data</b>				
Network connection		●	●	●
Power supply	No power required	12 V / 100–240 V	12 V / 100–240 V	12 V / 100–240 V
<b>System compatibility</b>				
Dräger Pac 6x00/8x00	●	●	●	●
Dräger X-am 2500/2600/2800/5000/5600/5800	●	●	●	●
Dräger X-am 3500/8000		●	●	●
Dräger Gas Detection Connect		●	●	●
<b>Key features</b>				
Colour display		●	●	●
Automated device configuration		●	●	●
Test documentation		●	●	●
Functional test	●	●	●	●
Sensitivity adjustment	● <sup>*2</sup>	●	●	●
Printer support (e.g. for issuing test certificates)		●	●	●
Reporting/fleet management		With Dräger Gas Detection Connect	With Dräger Gas Detection Connect	With Dräger Gas Detection Connect

<sup>\*1</sup> Up to five Dräger X-am 8000 modules <sup>\*2</sup> Optional after failed test



Dräger-Tubes

# Accurate measurements with a long tradition

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For over 80 years, Dräger has been a pioneer in developing and refining its 'laboratory behind glass' technology. Dräger-Tubes offer quick and cost-effective detection of gases, vapours and aerosols.







## Prepared for everything with the right accessories

Smart accessories ensure reliable measurements, even in extreme environments. Our proven solutions give you everything you need to handle any task.



### Dräger Simultaneous Test-Set

- Measures five gases in parallel
- Single pump draws air across all tubes
- Suitable for various combinations of organic and inorganic gases
- Several tube set configurations available



### Dräger fumigation test kit

- Customisable tube set
- Detects presence of fumigants
- Suitable for formaldehyde, methyl bromide, phosphine, sulfuryl fluoride and more



ST-36-2001



### Dräger short-term tubes

- Detect more than 500 different gases
- Tubes are pre-calibrated
- Compatible with Dräger accuro and X-act 5000 Basic pumps

ST-1350-2004



### Dräger diffusion tubes

- No pump required
- Harmful substances enter via diffusion

ST-1376-2004



### Dräger sample collection tubes

- Sample is analysed in a laboratory
- Allows for analysis of complex compounds or substance mixtures

ST-2436-2003



### Dräger accuro

- Manual tube pump
- For spot measurements
- Integrated stroke counter
- One-handed operation
- Safe for use in hazardous areas



Dräger MicroTubes

# Precise gas detection on site

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The Dräger X-act 7000 system, comprising MicroTubes and analyser unit, enables highly accurate measurements in the low ppb range. It's simple to use: insert the MicroTube, start the test and read the result.







D-60-2020



D-3381-2019

### Dräger X-act 7000

- MicroTubes and analyser in one system
- Delivers laboratory-grade results at ppb level
- Pre-calibrated MicroTubes for ease of use
- Compatible with coupler and X-am pump for CSE

	Dräger X-act 7000
<b>Properties</b>	
Detected gases	Various gases and vapours
Application area	PAM / CSE
<b>Technical data</b>	
Operating temperature (device)	0°C to 40°C
ATEX approval	Zone 0
Protection rating (IP class)	IP54
Sensor technology	CMOS optics and LED
Data storage	RFID tag
<b>System compatibility</b>	
Dräger X-am pump	●
Probes and hoses	●
<b>Key features</b>	
Pre-calibrated MicroTubes	●
Automatic MicroTube feed	●



Aerotest systems

# Reliable testing of breathing air quality

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Dräger provides complete test systems designed for a wide range of applications. Aerotest systems assess the purity of compressed breathing air from both low and high-pressure sources.







ST-7033-2008



D-5770-2022

Dräger Aerotest

- Various systems available
- Detects contaminants in accordance with EUP (European Pharmacopeia) and USP (United States Phamacopeaia) standards
- Suitable for low and high-pressure systems
- Used to verify breathing air purity from compressors or gas cylinders

	Dräger Aerotest Alpha	Dräger MultiTest med Int.	Dräger Simultaneous- test CO <sub>2</sub>	Dräger Aerotest Simultaneous HP	Dräger Aerotest Navy
Substance					
Carbon dioxide	●	●		●	●
Carbon monoxide	●	●	●	●	●
Water vapour	●	●	●	●	●
Oil	●	●		●	●
Nitrogen-based vapours		●	●		
Sulphur dioxide		●	●		
Ammonia			●		
Phosphine			●		
Hydrogen sulphide		●	●		
Oxygen 5%/C	●	●			●





**Dräger software solutions**  
**Configuration, visualisation and documentation**  
 Dräger software gives you detailed insight into measurements from portable gas detectors and Dräger-Tubes. You can evaluate, document and archive your data, while also simplifying device configuration, maintenance and training.



D-35437-2015

### Dräger CC-Vision Basic

- Professional configuration and calibration software
- Records and documents calibration results
- Compatible with the Pac series, X-am series, X-zone 5x00 and X-act 7000
- Free of charge



D-35438-2015

### Dräger GasVision

- Data analysis software for data loggers
- Visualises real-time readings
- Compatible with Pac and X-am series





## Dräger apps

The Gas Detection Training App lets you simulate various mobile gas detectors in instructor-led training sessions. With the Dräger-Tubes App, you can log, archive and evaluate tube readings in just a few steps.



D-8146-2019

### Dräger Gas Detection Training App

- Supports realistic training and instruction
- Compatible with Pac and X-am series
- Available for iOS and Android
- Free of charge



DGT-1133-2017

### Dräger-Tubes App

- Record, store and evaluate tube measurements
- Share data if needed
- Available for iOS and Android
- Free of charge



Dräger Services

# Adding value for your business. Every day. Anywhere.

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Our service offering is broader than you might expect — maintaining your equipment is just one of the many ways we support you. With access to a global network of expertise built on more than 100 years of experience, you benefit from deep knowledge, flexibility and our unwavering commitment to quality. We bring all of this to the table to help ensure your success. Focus on your core business — let us take care of the rest.







### **Product service – versatile, modern and affordable**

Our product service is more than just maintenance from a manufacturer. We offer a wide range of service contracts with partial or full-service options. Full-service plans range from basic maintenance agreements to comprehensive packages, including targeted services for specific product groups.

Our extensive portfolio is designed to suit your budget and help you meet regulatory requirements at your site. We work closely with you to ensure you get the service solution that's right for your needs.



### **Rental service – up to date, efficient and flexible**

Rent instead of buy – everything you need, exactly when you need it. We offer fast and demand-based access to safety equipment that's up to date with the latest standards. From gas detection devices and personal protective equipment to complete safety setups, our rental service helps you achieve your safety goals quickly and efficiently.

With more than 200,000 rental units in use around the world, our rental service delivers exactly what you need in a cost-effective way. Thanks to our seamless logistics network, your order arrives on time and ready for use, so everything runs smoothly.



### **On-site & shutdown safety services – no compromises**

Whether scheduled or unplanned maintenance and shutdowns, we're here to support your safety. Our commitment is to the highest safety standards and operational reliability.

In line with our philosophy – 'Safety. No compromises.' – we offer flexible service packages that allow you to focus on what matters most: your core business. From safety shop solutions to safety personnel, confined space monitoring or even training robots, our services are tailored to your operational needs – whether long-term or during temporary shutdown projects.



### **Training – hands-on, professional and future-ready**

Our certified trainers are ready to share their knowledge. Every conversation with you helps us move forward together. All our experts have years of hands-on experience in their fields. They understand your day-to-day challenges and support you with practical, relevant solutions.

Depending on the topic, we combine traditional classroom sessions with hands-on exercises, realistic simulations and web-based elements. Each year we run more than 2,400 training courses and offer over 600 different training topics.



# Dräger VOICE – From hazardous substance to the right protection

Dräger VOICE helps you handle hazardous substances safely. With a single click, access detailed information on over 1,500 hazardous substances – along with recommendations for suitable safety equipment. Try this simple solution for yourself!

**You know what.**

You know which hazardous substances you deal with every day. Just enter the substance in our database and Dräger VOICE will display its chemical properties and workplace exposure limits.

**We know how.**

Dräger VOICE shows you how best to protect yourself and your team. The online tool recommends suitable gas detection, respiratory protection and protective clothing.

**Expert knowledge, whenever you need it**

With Dräger VOICE, you can navigate quickly and easily through our safety portfolio. Access our hazardous substance database on the go or at your desk to gain specific knowledge for handling hazardous substances safely.



[draeger.com/VOICE](https://draeger.com/VOICE)

Find the most important information and tailored recommendations for more than 1,500 hazardous substances in our free database: Dräger VOICE – your substance-based product finder.



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