



Dräger Pac 6000 Single-Gas Detector

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.

Dräger Pac 6000



Benefits

Single-gas detector

- for personal air monitoring
- detection of carbon monoxide, oxygen, hydrogen sulfide or sulphur dioxide
- time-limited up to two years

Strong performance for maximum safety

You can rely on the Dräger Pac 6000: The personal single gas detection device warns against hazardous concentrations of carbon monoxide, hydrogen sulfide, sulphur dioxide or oxygen with precision and reliability.

Powerful sensors with a very low t-90 response time ensure quick reactions. The Pac 6000 is versatile thanks to its wide measurement range. For example, the CO sensor measures concentrations from 1 to 1,999 ppm, and the H₂S sensor from 0.4 to 100 ppm.

Easy handling thanks to clear user guidance

The D-Light indicates whether the functionality of the device has been tested and that it is ready to use. The housing is also designed with your safety in mind: each sensor variant of the Dräger Pac 6000 features a clear, well visible colour coding, thereby minimising the chance of mistakes.

Robust design – even for the toughest conditions

The Pac 6000 can easily handle even extreme conditions: depending on the sensor, temperatures from -40 F to 131 F (-40 C to 55 C) and air pressures between 700 and 1,300 mbar can be tolerated.

A membrane filter protects the sensor from foreign matter such as dust and liquids. The shock-proof, chemical-resistant housing meets the requirements specified in the IP68 standard rating.

User-friendly display with all important information

The large display is non-verbal and clearly indicates the respective gas concentration. Other important information, such as remaining operating time and battery capacity, is also displayed. The bright backlighting ensures clear reading of all values in the dark.

360° alarm with various functions

If the Dräger Pac 6000 measures hazardous gas concentrations, it sets off an audible, visual, and noticeable vibrating alarm. Two bright, flashing LEDs on the top and bottom of the device ensure that the alarm is easily visible from all sides. The acoustic alarm reaches a volume of 90 dB. The display can show the peak concentration measured at any given moment. Earlier alarms registered can also be retrieved at a later time even if acknowledged.

The Pac 6000 with oxygen sensor has two additional alarm thresholds in addition to the standard alarm threshold setting.

Event logger for analyses and reports

The Dräger Pac 6000 logs concentrations and events along with date and time. The data can be downloaded to a PC via an interface and processed further there.

Benefits

Economical operational costs

All of the versions of the Pac 6000 are equipped with extremely durable DrägerSensors and a powerful battery. Neither the sensor nor the battery need to be changed for the entire two-year maintenance-free service life of the H₂S, SO₂ and CO versions. The service life of the Dräger Pac 6000 starts when it is first activated. It automatically switches off after two years. For extending the operational lifetime, a license-model is available.

The Pac 6000 is protected against water, dust and other foreign bodies by a special membrane filter. When the filter becomes heavily soiled you can quickly and easily replace it yourself. The device is then ready to use again in no time.

Fast function test saves time and money

Function tests and calibrations can be carried out especially efficient using the Dräger X-dock calibration station. The automatic bump tests in the X-dock are a cost-efficient and convenient solution thanks to short test duration and extremely low test gas consumption. The Dräger Pac 6000 is simply placed in the bump test station and automatically selects the correct setting.

Dräger Pac product range at a glance

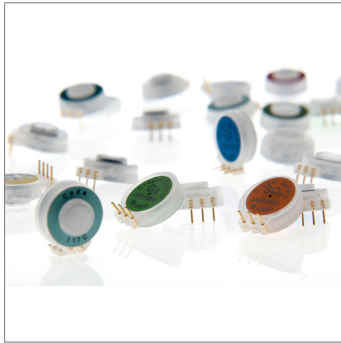
	Dräger Pac 6000	Dräger Pac 6500	Dräger Pac 8000	Dräger Pac 8500
Limited operating time (2 years) ¹	•			
Unlimited operating time		•	•	•
Service life indicator	•	(•) ²	(•) ²	(•) ²
Temperature to -40 °C	• ³	• ³	• ³	• ³
Battery capacity indicator	•	•	•	•
Replaceable sensor grid	•	•	•	•
Peak	•	•	• ⁴	•
TLV® / TWA ⁵		•	•	•
STEL ⁶		•	•	•
Event logger	•	•	•	•
Data logger	•	•	•	•
Bluetooth® / Open GATT option		•	•	•
Standard gases	•	•		
Special gases			•	
Dual sensor				•

¹ Lifetime extension available ² Configurable ³ Briefly down to -40 °C for 1 hr, depending on sensor ⁴ Does not apply to ozone or phosgene

⁵ TLV® = Threshold Limit Values / TWA = Time Weighted Average ⁶ STEL = Short Term Exposure Limit

System Components

D-12191-2010



DrägerSensor XXS

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.

D-47907-2012



Dräger X-dock 5300/6300/6600

The Dräger X-dock series provides you with full control of your portable Dräger gas detection instruments. Automatic bump tests and calibrations with reduced test gas consumption and short testing times save time and money. Comprehensive documentation and evaluations provide you with a clear overview.

D-24997-2020



Dräger Bump Test Station

Easy function testing on site

Accessories

D-30746-2015



Dräger Configuration and Evaluation Software

Save measurement results, professionally configure gas detection instruments and viewing performance data – all that is possible with the tailor-made Dräger software.

D-0494-2018



Calibration gas and accessories

Calibration of equipment will ensure safe operation and functionality of equipment and will also meet with the applicable regulations and codes of practice. Various calibration gas options are easily available.

ST-5018-2005



Communication module

The communication module (including a USB cable) connects the device to configuration and analysis software. It is also used for manual bump testing and calibration. The test gas is supplied to the Pac device through the gas inlet or outlet.

Services

D-2330-2016



Rental service

Whether you need to cover a temporary shortage or require specialised equipment for demanding conditions, for short-term needs, Dräger Rental Service provides a cost-effective solution with over 65,000 devices available. It's quick, simple and comes with a wide range of additional services upon request.

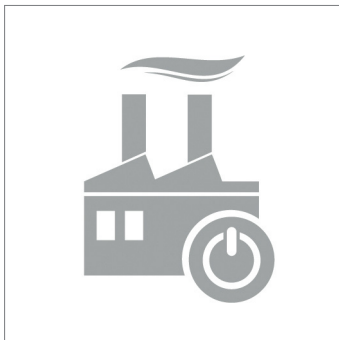
D-2334-2016



Finance service

High-quality solutions for every budget: Cutting-edge equipment gives you a competitive edge. We help you make cost-effective investments with attractive financing options that ease budget constraints and increase financial flexibility. Dräger Finance Service has different models for different requirements. Whether you want to rent-to-buy or lease equipment, together we can find the right solution for you.

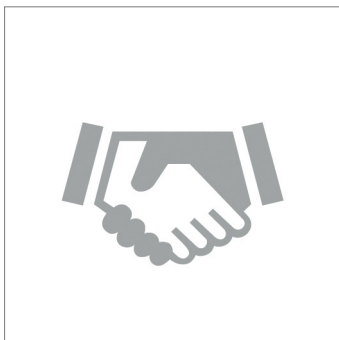
D-2329-2016



Shutdown Safety Service

Looking for an all-in-one safety solution? Are you facing strict regulatory requirements with tight deadlines? Balancing maximum efficiency with optimal security can pose major challenges. We can help you achieve that balance. Our Shutdown Safety Service is designed to cover all aspects of downtime while catering to your specific requirements.

D-2332-2016



On-site safety services

Whether through a rental shop, personnel services or comprehensive safety management, our on-site safety services support projects with increased safety risks, as well as everyday operations.

Related Products

D-16279-2024



Dräger Pac 6500

The robust Dräger Pac 6500 is your reliable companion in tough conditions. The personal single-gas detector quickly and accurately measures CO, H₂S, SO₂ or O₂ levels. The measurement data can be easily transferred via Bluetooth® to the Dräger Gas Detection Connect system. Fast sensor response and a long-lasting battery enhance safety.

D-16293-2024



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. Measured data can easily be transmitted into the Dräger Gas Detection Connect system via Bluetooth®.

D-16320-2024



Dräger Pac 8500

The Dräger Pac 8500 single-gas detection device is a reliable and precise instrument even under the toughest of conditions. Measured data can easily be transmitted into the Dräger Gas Detection Connect system via Bluetooth®. 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: H₂S/CO, H₂S/O₂, and CO/O₂.

Technical Data

Dräger Pac 6000

Dimensions (without clip) W x H x D	64 x 84 x 20 mm (2.5 x 3.3 x 0.8 in)	
Weight	Approx. 106 g (113 g with clip) 3.7 g	
Device service life	2 years from first activation. Lifetime extension available.	
Battery service life	2 years (O ₂ : 10 months)	
Degree of protection	IP68	
Air pressure	700 to 1,300 hPa	
Air humidity	10 to 90% relative humidity, non-condensing	
Temperature	-30 °C to +55 °C (-22 °F to 131 °F) (briefly down to -40 °C/F for 1 hr, depending on sensor)	
Approvals	ATEX	I M1 Ex ia I Ma II 1G Ex ia IIC T4 Ga
	IECEX	Ex ia I Ma Ex ia IIC T4 Ga
	CSA (Canada & USA)	Class I, Zone 0, AEx ia IIC T4 Ga Class II, Division 1, Groups E, F, G
	EAC	PO Ex ia I Ma X OEx ia IIC T4 Ga X

Ordering Information

Dräger Pac 6000

Description	Measuring range	Alarm thresholds A1/A2	Order number
Dräger Pac 6000 CO	0 – 2,000 ppm	30 / 60 ppm	8326321
Dräger Pac 6000 H ₂ S	0 – 100 ppm	5 / 10 ppm	8326320
Dräger Pac 6000 O ₂	0 – 25 Vol.-%	19 / 23 Vol.-%	8326322
Dräger Pac 6000 SO ₂	0 – 100 ppm	0.5 / 1.0 ppm	8326323
Dräger Pac 6000	See above	As per customer request	8326340
Pac 6000 license lifetime extension			3727138

Calibration accessories

Calibration adapter (does not include USB cable) (see P/n 8318587)	8318588
Dräger X-dock 5300 Pac	8321881
Dräger Bump Test Station for Dräger Pac, without gas cylinder	8317410

Communication accessories

Dräger CC-Vision Basic, available free of charge at www.draeger.com	
Communication module, including USB cable	8318587

Spare parts

Battery (purple)	8326856
Sensor grid (black)	8326853
Crocodile clip set	8319186

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Notes

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