



Breathguard 2500

Multi-Gas Detection Device

The Dräger Breathguard 2500 is designed to alert crews when critically high levels of carbon monoxide and carbon dioxide enter land and sea vehicles, containers or any other application where air exchange cannot be guaranteed. Built with military robustness, the Breathguard 2500 continuously and discreetly monitors the atmosphere, flexibly integrating with other systems to provide the highest level of safety at a low cost of ownership.

Benefits

High Safety Standards

The Dräger Breathguard 2500 ensures maximum safety when air quality is critical. With two integrated sensors, the device continuously monitors the concentration of carbon monoxide and carbon dioxide in the ambient air and reliably warns the crew when critical values are reached. The individually adjustable alarm limits and the option of networking multiple devices make the Breathguard the ideal solution for vehicles, containers, and all areas without guaranteed air exchange.

Proven durability

The Breathguard 2500 is designed for extreme conditions and impresses with its proven durability. Shock, vibration, and large temperature fluctuations cannot damage the robust housing. The device complies with international military standards, making it ideal for use in demanding environments. The pressure compensation ensures stable and precise measurements – even with changing ambient pressures.

Efficient and low cost of ownership

With the Dräger Breathguard 2500, you benefit from low operating costs and a long service life. The high-quality Dräger sensors guarantee reliable detection with minimal maintenance. Worldwide service and training offerings round out the overall package.

Low cost of ownership

The two sensors with their high Dräger quality ensure the longevity of the device.

Worldwide availability

99 sales and service subsidiaries around the world and global trainings enable the best possible support.

System Components

D-3067-2026



Calibration-Kit Breathguard

The comprehensive calibration kit ensures maximum precision during testing, adjustment, and full calibration of the Breathguard. It includes a CO and a CO₂ cylinder, a precise gassing adapter, a high-quality pressure reducer, a durable connection hose, and a secure, practical carrying case. With this perfectly coordinated set, you have all essential components to verify and maintain the Breathguard's performance and accuracy quickly, professionally, and reliably.

D-3062-2026



Serviceable & PCAN Adapter Breathguard

Easily connect your Breathguard 2500 to your laptop: the service cable and PCAN adapter ensure a stable connection. This is perfect for seamless integration and reliable data transfer.

D-3060-2026



Power cable Breathguard

This high-quality power supply cable allows your device to be conveniently powered outside the operating room. This makes maintenance and service work effortless, comfortable, and free from spatial limitations – perfect for tight or hard-to-reach indoor areas.

Related Products



D-14042-2025

Dräger Multisensor Box 8500

The Dräger Multisensor Box is a multi-gas detection device which holds up to 16 sensors. The integrated forced and calibrated ventilation makes the device independent of ambient air flow. It is designed for continuous monitoring of the atmosphere for hazardous gases and vapors. Thanks to its outstanding robustness, it can be used outside of land and sea vehicles, at buildings or industrial plants. The Multisensor Box can be integrated into an overall system (e.g. CBRN detection kit) or operated as stand-alone solution together with an operator terminal.

Technical Data

Dimensions	180 x 100 x 62 mm
Weight	0.9 kg
Sensors	2 sensors: Optical CO ₂ Sensor Electrochemical CO Sensor
Standards	DEF STAN 59-411 MIL-STD-461-F MIL-STD-810-H AECTP 400 Short time storage AECTP 230 VG 96916 part 5 IEC 61508 SIL 1
Warm up time	10 min

Ordering Information

Description	Part/Order Number
Breathguard 2500	on request
Calibration Kit	3730197
Servicecable	3729394
PCAN-USB adapter	3729395
Powercable	3732207
Servicesoftware	3729393

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