



Dräger BG ProAir Closed Circuit Breathing Apparatus

Specially designed for longer durations: The Dräger BG ProAir is a positive pressure closed circuit breathing apparatus that combines uncompromising safety with the highest level of breathing and carrying comfort. Easier to carry, easier to breathe - giving you more time to get the job done and return safely.

Dräger BG ProAir

State-of-the-art monitoring with essential data on a high contrast display

Pull force handle allows easy handling

Active lighting provides visibility in the darkest conditions

Sealed housing prevents dirt or sparks from entering the breathing loop

Easy to clean and heat resistant harness positions the set comfortably on the back

Slim profile increases freedom of movement in confined spaces

Cover opens to the side for easy access to key components



D-609-2022

Dräger BG ProAir

CO₂ absorber with translucent housing for a quick visual check of equipment readiness

Pre-filled absorber to eliminate the manual filling of soda lime

Removable spring bridge for easier access and simplified cleaning

Lightweight oxygen cylinder with integrated pressure indicator and a non-limited lifetime



Simplified cooling systems with faster regeneration, easier handling and unlimited usage

Robust breathing bag with increased volume ensures positive pressure at high breathing rates

Two methods of oxygen dosage with reliable pneumatics and less high pressure oxygen components

Benefits

Perfectly made for long-duration deployment

To protect you better, the BG ProAir is designed with a positive pressure breathing circuit which prevents hazardous substances from entering the sealed breathing system. As you exhale, carbon dioxide is removed through a CO₂ absorber, and prior to inhalation, the air is cooled and enriched with oxygen at a constant rate.

Optionally, the oxygen can be dosed according to your work rate thus providing you with an even longer duration at low work rates. Because as you respond to rescue tactics, so should your equipment.

USABILITY

Ergonomically designed with safety and visibility in mind

The BG ProAir's weight is evenly distributed due to its smart carrying system making it easier and more comfortable to wear during longer missions. Additional safety features on the housing include: highly visible reflectors and a buddy light system which helps your team members to see you and know the status of your apparatus.

Easier to breathe and easier to use

The cooling options include a state-of-the-art regeneration material as well as a simplified ice system to reduce the temperature of the inhaled air without the need to either open the breathing loop or remove components while in use. The larger surface area of the cooling elements provides comfortable breathing air for a longer period of time. To further improve the breathing comfort, key components in the breathing loop have been innovatively redesigned to significantly reduce breathing resistance.

Blue colour-coded touchpoints throughout the breathing apparatus make the handling more intuitive and therefore reduce your training efforts and equipment downtime. The same system components from the well-known PSS BG 4 are available: the FPS 7000 full-face mask, in-mask communication, test equipment, oxygen booster pump, and Drägersorb.

CONNECTIVITY

Staying connected in the most challenging environments

Reading vital information, such as cylinder pressure, no-oxygen warnings and time to whistle, is now simpler and clearer than before. With its high contrast, full-colour display, your data is plainly visible even in the most difficult environments such as darkness, bright sunlight or smoke. The BG ProAir's integrated data telemetry connects to the Dräger FireGround accountability system to assist the entry control management. The absorber status can be tracked by RFID. An integrated Bluetooth® module provides a short range connection to work with Focus FS Emergency Response software, a platform that connects emergency personnel and documents the response process. Additionally, Bluetooth® is used to download data and set configuration via a PC. The BG ProAir's integrated data telemetry and RFID assists you in multiple scenarios such as entry control management and absorber status tracking. In addition to time calculations such as time to whistle, we have also integrated recognised features like PASS, ADSU and temperature readings.

Benefits

SAFETY +

Getting home healthy

To reliably protect you against toxic ambient gases, the Dräger BG ProAir continually provides you with positive pressure even when your breathing rate increases in the breathing circuit. It is further enhanced by smart onboard electronics, which include a low-pressure sensor. The integrated low pressure sensor warns when there is a lack of oxygen to ensure safe breathing. The sensor also provides a low pressure leak test of the breathing system.

Going the extra mile

With its fully sealed housing, the BG ProAir has been approved to the highest standards for heat, flame, and chemical resistance providing you with safe breathing air according to international standards. For additional safety, it also comes with an optional Buddy Breather System (depending on approval), which enables the user to safely share oxygen with those in need during rescue situations.

SERVICEABILITY

Maximising your equipment's uptime

We understand that your time is of the essence. For this reason, plug'n'play connectors make the BG ProAir easy to assemble and disassemble, while spending less time on training. No tools are required for maintenance and service frequency is conveniently reduced, such as only replacing the reducer every 10 years.

Quick to clean and smart to cool

We have simplified every cleaning aspect of the BG ProAir: It's completely machine washable and you have fewer parts to clean and disassemble. The waterproof harness can be effortlessly disassembled from the housing, making it even easier to clean and quick to dry. We have also re-engineered the cooling logistics making it more straightforward for you to reuse the ice packs and regeneration material. The new ice pack system simplifies the freezing process without the need to handle water; while the regeneration material does not require ice and can be stored in the apparatus at temperatures below 25 °C / 77 °F.

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

System Components

D-4991-2024



Dräger FPS 7000 RP

The Dräger FPS 7000 RP full face mask is specifically designed for closed circuit breathing in mind. Setting a standard in terms of safety, the modern design offers you a large, optimized field of vision, while the availability of different sizes ensures the mask fits comfortably and securely. The integrated wiper and optional hydration system provide you with additional comfort during longer durations.

D-20710-2020



Dräger BG ProAir oxygen cylinder

Lightweight design specifically for use in BG ProAir with an integrated indicator and a non-limited lifetime (where applicable due to regulatory restrictions).

2l, 200 bar.

D-23525-2009



Drägersorb 400

Drägersorb 400 is used to absorb acid gases, such as carbon dioxide (CO₂), in closed or semi-closed circuit breathing apparatus.

D-21283-2020



Dräger BG ProAir pre-filled CO₂ scrubber

Canister specifically designed for the BG ProAir incorporating the proven quality of Drägersorb 400 and pre-filled for easier use.

System Components

D-20727-2020



Focus FS Emergency Response

With this software, rescue coordinators and team captains remain in constant contact via interactive digital maps, note and photo sharing, real-time reports and alerts. Oxygen levels, hazardous gas detection, and equipment checks are tracked and recorded. The intuitive interface is easy to use, so emergency response personnel can focus on what matters most – ensuring everyone returns safely.

D-9964-2024



Dräger FireGround

The incident commander needs live information from all SCBA wearers at all entry points and to know they are accounted for in any scenario. The Dräger FireGround Accountability System accomplishes this in a rapidly deployable mode, minimises the need for voice communication via radio and allows remote monitoring with incident reporting.

Accessories

D-38692-2015



Dräger RZ 7000

Simple and user-friendly operation: Carry out function and leak tests on the Dräger PSS BG 4 plus and Dräger BG ProAir more quickly and easily than ever before with the Dräger RZ 7000.

D-85351-2013



Dräger DOB 200 ECO

Discover the Dräger DOB 200 ECO: A highly mobile, and efficient filling station for all common oxygen cylinders. Its compact design with rolling wheels makes it easy to transport, while the robust housing protects contents from damage. The simple and automated filling procedure saves both time and effort.

Services

D-2331-2016



Product service

Our product service department supports you with a range of service packages – in our shops or on site at your facility. Care, servicing and maintenance are key factors when it comes to safety. Diligent maintenance and care is also absolutely necessary from an economics perspective. Preventive checks, service procedures and original replacement parts make your investment last longer.

D-2335-2016



Training

The Dräger Academy has been sharing its sound, practical knowledge for over 40 years. With over 110 authorised trainers and more than 600 available topics, we conduct more than 2,400 training sessions per year. We provide your staff with practical knowledge and ensure that what they learn can be applied effectively, both on a day-to-day basis and more importantly, in critical situations. We would be glad to develop a custom-made training programme just for you.

D-2330-2016



Rental Service

From bridging a temporary shortage of equipment to procuring special equipment for applications involving specific requirements: If you only need to cover a temporary higher demand, then DrägerRental Service with over 65,000 pieces of rental equipment is an economical alternative to purchasing. Fast, straightforward and with a wide range of additional services available upon request.

Related Products

D-35386-2021



Dräger PSS AirBoss

The Dräger PSS AirBoss offers best in class ergonomics and is one of the lightest weight breathing apparatus for firefighting. Lessons learned from firefighters around the world as well as latest innovations in technology have led us to design an even safer and cleaner SCBA system that enables you to breathe more easily and for longer.

Technical Data

Duration of use	240 minutes (at a work rate of 30 l/min)
Weight, ready for use (with mask, full oxygen cylinder and CO ₂ absorber)	15.2 kg 33 lbs 8 oz
Size H x W x D	590 x 400 x 175 mm 23.3 x 15.7 x 6.9 inches
Operating temperatures (when stored at room temperature)	-40 °C to +90 °C -40 °F to +194 °F
Oxygen delivery:	
Constant dosage rate	1.5 l/min
Minimum valve rate	> 80 l/min
Bypass valve rate	> 80 l/min
Approvals:	
EN 145	Ex protection according to EN 50020
IEC Ex ITS	Ex ia IIC T4 Ga, Ex ia I Ma (-30 °C < Ta < +50/60 °C / -22 °F < Ta < 122/140 °F)
ATEX	II 1 G Ex ia IIC T4 Ga, I M1 Ex ia I Ma (-30 °C < Ta < +50/60 °C / -22 °F < Ta < 122/140 °F)

Ordering Information

Dräger BG ProAir	Components	Order no.
Dräger BG ProAir, G3/4-C-ICE-CH	G3/4 cylinder thread Constant dosage Ice cooling system Comfort harness	R360500
Dräger BG ProAir G3/4-C-PCM-CH	G3/4 cylinder thread Constant dosage Regenerative cooling material Comfort harness	R360501
Dräger BG ProAir G3/4-LDV-ICE-CH	G3/4 cylinder thread Lung demand dosage Ice cooling system Comfort harness	R360502
Dräger BG ProAir G3/4-LDV-PCM-CH	G3/4 cylinder thread Lung demand dosage Regenerative cooling material Comfort harness	R360503
Dräger BG ProAir M24x2-C-ICE-CH	M24x2 cylinder thread Constant dosage Ice cooling system Comfort harness	R360508
Dräger BG ProAir M24x2-C-PCM-CH	M24x2 cylinder thread Constant dosage Regenerative cooling material Comfort harness	R360509
Dräger BG ProAir M24x2-LDV-ICE-CH	M24x2 cylinder thread Lung demand dosage Ice cooling system Comfort harness	R360510
Dräger BG ProAir M24x2-LDV-PCM-CH	M24x2 cylinder thread Lung demand dosage Regenerative cooling material Comfort harness	R360511
System components		
Dräger FPS 7000 RP-EPDM-M2-PCas-EPDM (required for operation)	Full face mask with central connection for closed circuit breathing apparatus Mask body, inner mask and head harness made of EPDM With anti-scratch coated polycarbonate visor and wiper Optional integrated CamelBak drinking system	R56326 (further variants and sizes on request)
Drägersorb 400 - 18 kg	Soda lime used for the adsorption of CO ₂ in closed-circuit breathing systems	6737985
BG ProAir pre-filled absorber	Pre-filled canister of soda lime to eliminate the manual filling of soda lime	3702050

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