

NORTHERN DIVER



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ODYSSEY

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NORTHERN DIVER

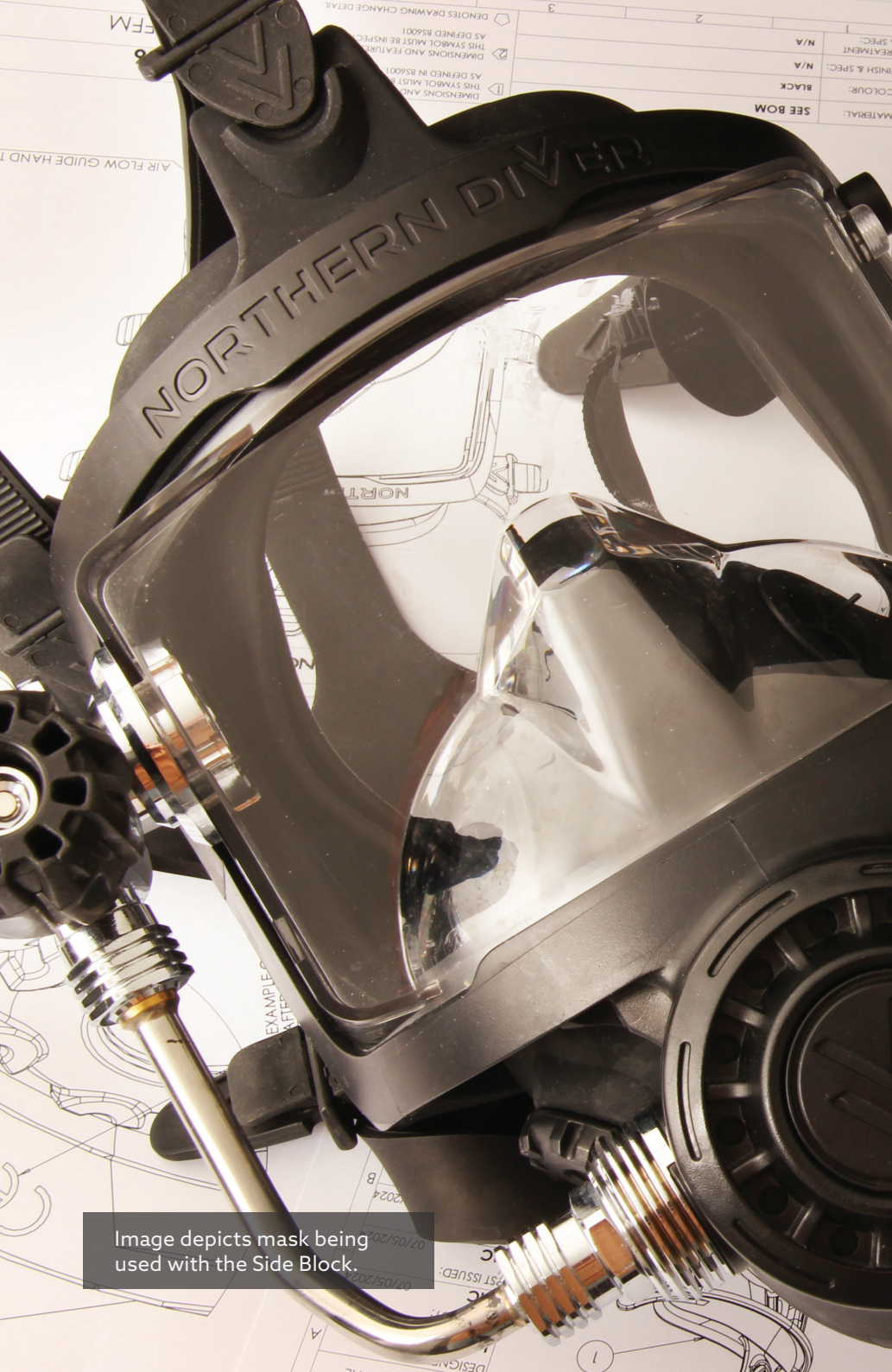
DIVESTORE

ABOUT US

For over four decades, Northern Diver has been a leading innovator in diving and safety equipment, trusted by professionals worldwide. Our relentless pursuit of excellence drives us to design high-performance gear that prioritises safety, durability, and user comfort. From military and rescue teams to commercial and leisure divers, Northern Diver is synonymous with reliability and precision engineering.

The Odyssey Full Face Mask has been designed and manufactured in the UK, adhering to the highest standards of safety and quality. Northern Diver's ongoing commitment to innovation ensures our products meet the needs of professionals operating in the most demanding environments globally.

At Northern Diver, we push the boundaries of diving technology, supporting professionals with equipment they can trust.



ENGINEERING EXCELLENCE FOR SAFETY: THE ODYSSEY FULL FACE MASK

The Odyssey Full Face Mask is a precision-engineered solution, designed with safety and reliability as its foundation. Each component is manufactured to exacting standards to ensure optimal performance and protection in the most demanding environments. From the impact-resistant polycarbonate lens to the precision-machined side block, every feature has been rigorously tested to meet and exceed industry safety requirements while maintaining comfort and field of vision.

- **Integrated High Performance Second Stage Regulator:** Built directly into the mask frame, this streamlined, low-profile design ensures ergonomic breathing, reduces drag, and enhances diver mobility while delivering reliable performance in challenging underwater environments.
- **Impact-Resistant Lens:** Engineered to withstand extreme pressures, ensuring clear vision and reliable protection in critical situations. The mask's design promotes efficient air circulation, minimising lens fogging and reducing CO2 build-up for enhanced safety and visibility.
- **Silicone Mask Skirt:** Features an integrated oral-nasal pocket equipped with two non-return valves to ensure efficient airflow during inhalation. Designed for a universal fit, the skirt accommodates a wide range of face shapes while providing optimal comfort and a secure seal, even during extended dives.
- **Adjustable Straps:** Engineered for fast, secure donning, with a customisable fit for any head shape.
- **Side Block:** An optional feature designed for seamless access to a reserve bailout cylinder. The side block is strategically positioned on the mask's side, ensuring it remains within the diver's field of vision. Its ergonomic design enables single-handed operation, even in low-visibility conditions, enhancing safety and efficiency underwater.
- **Low Air Warning System (LAWS) Compatibility:** The mask is designed for use with Northern Diver's Low Air Warning System (LAWS), which provides visual alerts for low cylinder pressure in both main and bailout systems. The LAWS unit mounts securely to the side of the lens via an integrated mounting point for optimal visibility.

Northern Diver's dedication to precision engineering and innovation ensures the Odyssey Full Face Mask delivers unmatched safety, reliability, and performance. Built to meet the demands of the most challenging underwater environments, the Odyssey sets a new benchmark for diving technology, empowering divers with confidence and peace of mind.

Image depicts mask being used with the Side Block.

ODYSSEY: ENGINEERED FOR EXCELLENCE, BUILT FOR ULTIMATE SAFETY.

**When failure is not an option,
trust the Odyssey.**

At Northern Diver, we understand that in underwater operations, there's no room for compromise. That's why we designed the Odyssey Full Face Mask with a singular mission: to provide the highest level of safety, underpinned by engineering excellence. Designed, manufactured, and tested in the UK to EN250:2014 standard, the mask is built to excel in the most demanding environments faced by rescue, military, and commercial divers. The Odyssey combines advanced safety features with exceptional reliability, delivering confidence and peace of mind in critical situations.

The Odyssey Full Face Mask's integrated design ensures that every component works effortlessly as a unified system, offering divers the reassurance of equipment rigorously tested for optimal safety and reliability.

From the precision-engineered side block to the advanced wireless Low Air Warning System (LAWS), every feature of the Odyssey is built to perform in the most demanding conditions.

Contact us today for more information, product demonstrations, or to secure your order.



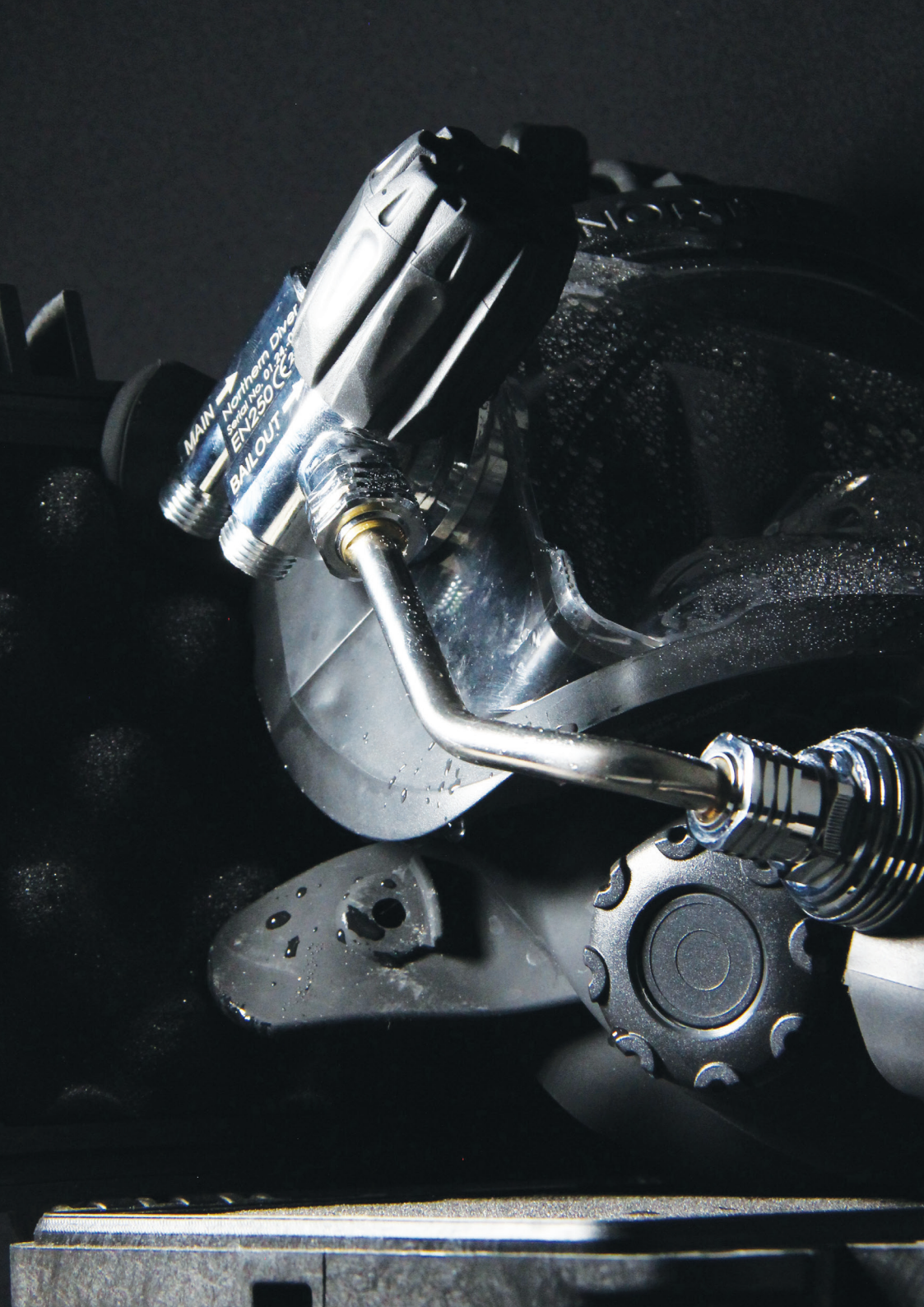
Image depicts mask being used
with the Side Block and LAWS system.

ADVANCED SIDE BLOCK TECHNOLOGY:

Machined from a solid billet, the Odyssey Full Face Mask's side block is built for robustness and precision. Designed to manage air supply from both the main and bailout cylinders simultaneously, it enhances both safety and the overall dive experience. Unlike traditional systems that require switching between supplies, the Odyssey's side block ensures both air sources are readily available, providing reliability in critical situations.

Tested to EN250:2014 standards, the side block incorporates a non-return valve in the primary air supply, preventing backflow from alternate sources and maintaining consistent performance under demanding conditions. Its ergonomic design allows divers to quickly locate and operate the handwheel valve, even in low visibility environments.

Mounted directly to the mask for easy access, the side block's placement ensures flawless operation, enabling divers to confidently manage their air supply unaided, even in the harshest underwater conditions.



LOW AIR WARNING SYSTEM (LAWS)

The Odyssey Full Face Mask's wireless Low Air Warning System (LAWS) enhances diver safety by providing clear visual alerts for critical air supply levels. Featuring dedicated transmitters for the Main and Bailout Gas Supplies, this system ensures real-time updates during even the most demanding dives.

The head-mounted receiver uses intuitive visual indicators: a red light flashes at 50 bar for the Main Gas Supply, while a white light flashes at 170 bar for the Bailout Supply. A steady green light shows normal conditions, while a flashing green light indicates low battery status. Mounted on the Odyssey Full Face Mask for optimal visibility, the receiver keeps alerts in the diver's peripheral vision without obstructing the field of view.

Engineered for reliability and smooth integration, the LAWS system is an optional safety enhancement for the Odyssey Full Face Mask, delivering dependable performance for professional divers in challenging underwater settings.



COVER

ON/OFF SWITCH

RED LIGHT

Flashing at 50bar shows low main cylinder pressure

GREEN LIGHT

Low light shows optimal battery.

Bright Green flashing light shows low battery

WHITE LIGHT

Starts flashing at 170 bar indicating bailout cylinder in use

TRANSMITTER



RECEIVER



TESTED FOR ULTIMATE SAFETY AND PERFORMANCE

Designed to meet the rigorous requirements of professional divers, the Odyssey Full Face Mask has been extensively tested to ensure it performs in the most demanding environments. Tested to EN250:2014 for open-circuit self-contained compressed air diving, it guarantees reliable performance down to depths of 50 meters and in water temperatures as low as 4°C. Breathing efficiency is enhanced by the integrated high-performance second-stage regulator, while the side block's non-return valve provides an essential safety feature by preventing backflow and ensuring consistent access to the bailout system when needed.

The Odyssey's innovative side block enables simultaneous use of both air supplies, ensuring seamless gas management without the need for complex adjustments. Tested under extreme conditions, including high breathing rates and cold water, this mask delivers consistent performance, making it a trusted solution for military, rescue, and commercial divers.

Engineered with versatility in mind, the mask has been field-tested by divers of various face shapes, sizes, and genders to ensure a secure and comfortable fit, even during extended operations. Built to perform in low-visibility and high-stress environments, the Odyssey Full Face Mask is the choice for divers who require uncompromising safety and reliability.

| | |
|-------------------------|---|
| PRODUCT NAME | ODYSSEY FULL FACE MASK |
| PART NUMBERS | ND0003936 (without Side Block), ND0003937 (with Side Block) |
| DIMENSIONS | 297mm x 173mm x 157mm (without Side Block) 297mm x 210mm x 157mm (with Side Block) |
| WEIGHT | 990g (without Side Block) 1420g (with Side Block) |
| MATERIALS | Mask Frame: ABS+PC Mask Skirt: Silicone Mask Lens: Polycarbonate Head Harness: NBR + PVC Spindle: Brass Chrome Plated Screws: A4 S/S Springs: 316 S/S O-Rings: NBR |
| MOUNTING OPTIONS | Mounting holes for accessories (e.g., torches, cameras, communication systems) |
| COMMUNICATION | Compatible with commercial communication systems (not included) |





MILITARY:

Mission-critical dives demand the best. The Odyssey's lightweight, durable design, combined with its fully tested system, ensures long-duration dives with minimal fatigue and maximum safety for military professionals.



RESCUE:

When every second counts, trust the Odyssey. With its fast-acting side block and wireless LAWS system, this mask is designed for rapid response and dependable safety in high-pressure rescue scenarios.



COMMERCIAL:

Precision-engineered for hazardous environments, the Odyssey delivers unparalleled reliability. Its robust design enhances diver safety and comfort, ensuring top performance in the demanding conditions faced by commercial divers.



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TO ORDER NOW**

NORTHERN DIVER

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