



ODYSSEY

BREATHE EASY

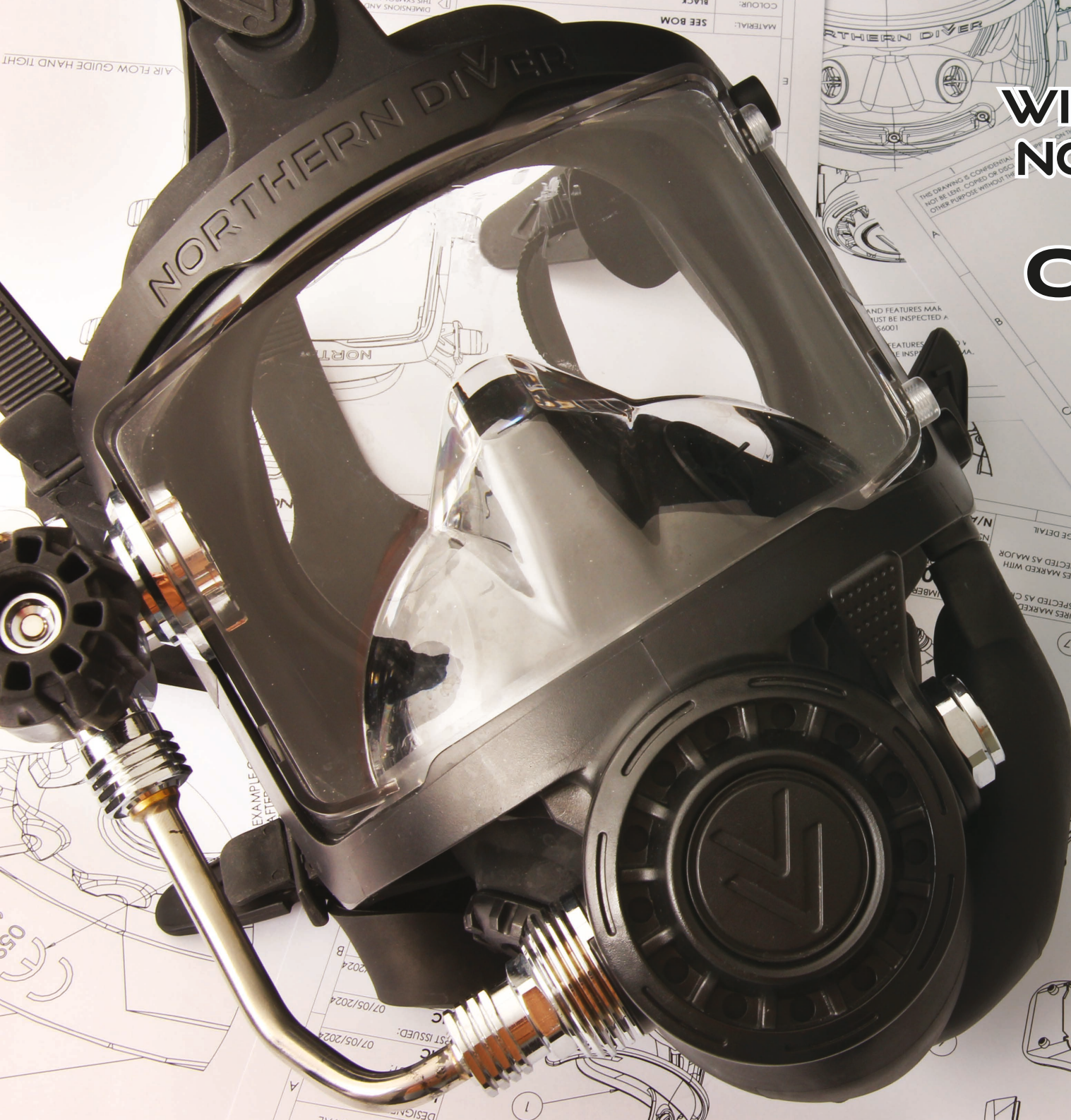
BY

NORTHERN DIVER



DESIGNED, DEVELOPED & MANUFACTURED IN THE U.K.

**WHEN FAILURE IS
NOT AN OPTION,
TRUST THE
ODYSSEY**



NOTES:-

1. THE ODYSSEY FULL FACE MASK IS TO BE ASSEMBLED AND TESTED

MATERIAL:	SEE BOM
COLOUR:	BLACK
FINISH & SPEC:	N/A
TREATMENT & SPEC:	N/A

GENERAL TOLERANCE ± 0.1
ANGULAR TOLERANCE ± 1
SURFACE ROUGHNESS
BY MICROMETRES:
UNLESS OTHERWISE STATED
MEASURE AT CUT
0.8mm AND A

NOTES:
CHANGED BY: S.W.
07/05/2024
XX/XX/XX

ODYSSEY FULL FACE MASK

The Odyssey Full Face Mask has been designed and manufactured in the U.K., 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, giving professionals equipment they can fully trust.

FEATURES

- Built-in, streamlined, high-performance second-stage regulator
- Impact-resistant, anti-fog polycarbonate lens
- Silicone skirt with one-way air circulation valves
- Optional upgrades for extra features and performance



297.00 +/-3.00



ODYSSEY LETS YOU BREATHE EASY

The Odyssey face mask stands out in its ability to deliver a reliable and consistant airflow at extremely low temperatures in the coldest of water and at considerable depth.

Unprecedented, in fact, as the mask passed its certification of the EN250:2014 standards by a significant margin. This affirms its ability to deliver:

**62.5L OF AIR PER MINUTE
AT A DEPTH OF 50 METRES
IN $2\pm 4^{\circ}\text{C}$ COLD WATER**

Coupled with the non-return valves fitted into the silicone skirting, the entire system is made for unrivalled air circulation – not only allowing the most efficient breathing underwater, but encompassing anti-fogging and reduced CO_2 build-up.

Pictured with both side block
and LAWS additions



SIDE BLOCK

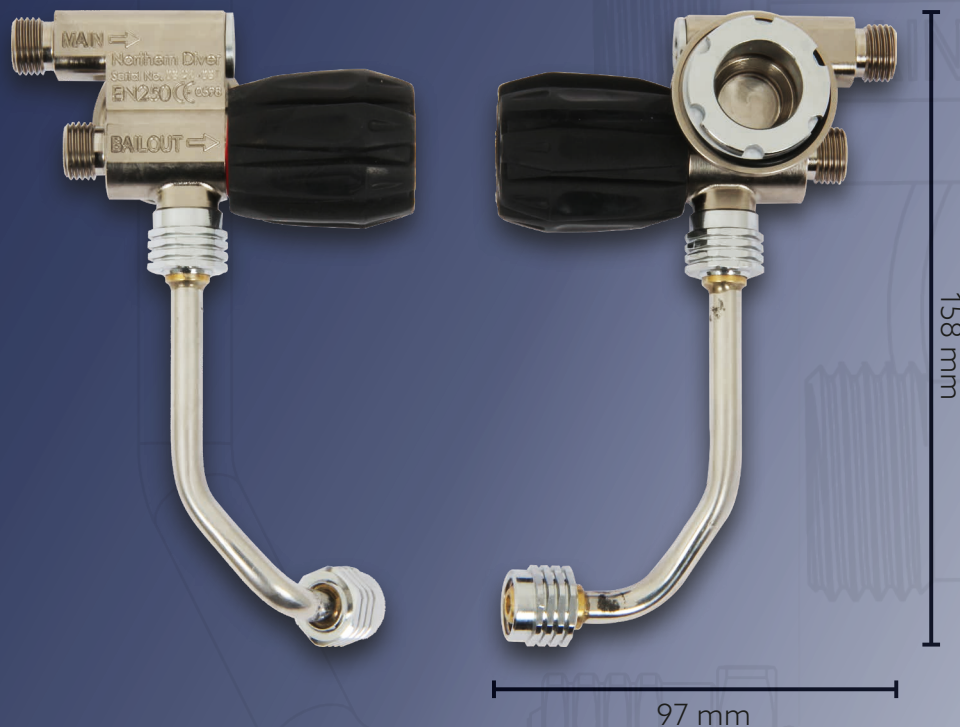
A RELIABLE AIR SUPPLY

The air supply side block can be attached for uninterrupted access to back-up cylinders.

Made from a solid, chrome-plated brass billet, and tested to EN250:2014 standards, and designed to act as a heat-sink in cold environments, the side block ensures easy access to back-up air supply.

SIDE BLOCK FEATURES

- Non-return valve preventing back-flow of air
- Single-handed ergonomic activation
- Dual use of bailout and main cylinder air supply
- Chrome-plated brass with heat-sink design for reliability under pressure



One-handed operation opens secondary bailout air access, and shows a red band when in use.

Designed for use with compressed breathable air complying with European EN12021 standards.

Approved for temperatures below 10°C, tested for cold water temperatures of $4 \pm 2^\circ\text{C}$ ($39.2 \pm 3.6^\circ\text{F}$)

L.A.W.S. LOW AIR WARNING SYSTEM

The L.A.W.S. addition to the Odyssey enables a hands-free, visual indication of remaining air pressure.

Mounted to the periphery of the lens, the LED colour code on the receiver allows for both the diver and their buddy to clearly see relevant warnings, without obstructing vision.

L.A.W.S. FEATURES

- Transmitter easily attaches to first-stage regulator
- Allows for both diver and buddy to see air supply warnings
- Does not obstruct diver vision
- Engineered for reliability and flawless Odyssey integration

Pressure sensor attaches to first stage regulator and transmits to receiver



FLASHES WHEN
MAIN CYLINDER
REACHES 55 BAR

RED

FLASHES FOR
LOW BATTERY

GREEN

FLASHES AT
170 BAR;
BAILOUT IN USE

WHITE



AVAILABLE IN 4 STANDARD CONFIGURATIONS

**OPTION 1
FULL FACE MASK**



**OPTION 2
FFM + SIDE BLOCK**



**OPTION 3
FFM + LAWS**



**OPTION 4
FFM + SIDE BLOCK + LAWS**



The Odyssey is compatible
with most commercial
communication systems

COMPATIBLE ACCESSORIES

We are continuously working to enhance and evolve the Odyssey in its hardware, our engineers creating ever more additional accessories and optional additions designed to enhance its application potential.

SPARK^{*} WELDING VISOR

The custom-built *Spark* welding visor attaches to the front of the Odyssey, providing retinal protection whilst its user performs underwater engineering and welding tasks. Its design allows for both regular and shielded vision thanks to its flip-up visor.

TORCHES, CAMERAS & COMMS

With the accessories compatibility, there are practically endless options for additions to the Odyssey mask. This could include torches, video cameras and communications systems. Mounts and rails are both available from Northern Diver.



COMPREHENSIVE SUPPORT & MAINTENANCE

To ensure optimal performance and longevity of the full face mask, we offer a Service Technician Tool & Test Kit designed for routine maintenance, troubleshooting, and functional testing. This kit provides all the essential tools and accessories required for servicing the mask, helping to maintain peak performance and safety compliance.

The kit includes a comprehensive set of specialised tools for disassembly, adjustment, and reassembly of key mask components, along with essential gauges and tools for testing. All components are securely stored in a compact, durable protective case for easy transport and storage.

- 2.0mm Hex Key
- 2.5mm Hex Key
- 5mm Hex Key
- 8mm Hex Key
- 22mm Spanner
- 20mm Spanner and Communications Tool
- 20mm Socket
- Side Block Socket
- Front Cover Socket
- Communications Port Socket
- Skirt Clamp Socket
- Hand Adjustment 2nd Stage Tool
- Adjustment 2nd Stage Tool
- Lever Height Tool Go / No Go
- Intermediate Pressure Test Gauge
- Plastic Pick Set
- Christolube Silicone Grease
- 2.0mm Hex Bit
- 2.5mm Hex Bit
- 5mm Hex Bit
- 8mm Hex Bit
- Hex Drive to 1/4 Drive Bit
- Wera Torque Screwdriver 0.3-1.2NM
- Teng Torque Wrench 3/8 Drive 5-25NM
- Case Insert
- Carry Case



*For use by trained technicians only
for safe & professional maintenance.



ODYSSEY FFM TECHNICAL SPECIFICATIONS

PART NUMBERS	ND0003936 (without side block) ND0003937 (with side block)
DIMENSIONS	297 x 173 x 157 cm (without side block) 297 x 210 x 157 cm (with side block)
WEIGHT	990g (without side block) 1402g (with side block)
MATERIALS	Mask Frame: ABS + PC Mask Skirt: Silicone Mask Lens: Polycarbonate Head Harness: NBR + PVC Spindle: Chrome pl. Brass Screws: A4 St. Steel Springs: 316 St. Steel O-Rings: NBR
MOUNTING OPTIONS	Mounting holes for accessories (eg. torches, cameras, side block, LAWS, communication systems...)
COMMS	Compatible with most commercial communication systems (not included)



UNMATCHED VERSATILITY

The Odyssey has been developed with the standards of our MoD customers, and commercial users in mind, but it is by no means limited to these sectors.

With its compact, streamlined regulator, sleek moulding, and adaptive silicone skirt, it's a perfect fit for all genders and headshapes across 95% of trialed demographics.

This is why our customers – from recreational and sport divers, to engineering professionals, to combat swimmers – find that the Odyssey is a fantastic investment in reliability, durability, and maneuverability alike; and that this mask is unmatched in even the most extreme diving environments.



GET IN TOUCH TO LEARN MORE...

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EN250:2014 EUROPEAN CERTIFIED
PPE REGULATION 2016/425



www.ndiver.com | www.ndiver-military.com | www.ndiver-commercial.com | www.ndiver-rescue.com

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