



DIVEX Stealth SC

Semi-Closed Circuit Mixed Gas Underwater Breathing Apparatus





Stealth SC



INTRODUCTION

The Stealth SC is a mixed gas Underwater Breathing Apparatus (UBA) from JFD's operationally proven Divex range of defence rebreathers. It is ideally suited for Mine Countermeasures and Explosive Ordnance Disposal operations at depths of up to 54 metres. It has been designed for operations where simplicity, ease of use and durability are a necessity.

OPERATIONS

Stealth SC is a back-worn unit, with gas provided by a twin two litre cylinder assembly via an adjustable Constant Mass Flow metering valve. The valve also provides manual gas bypass function. Additionally, a demand valve automatically controls the volume of gas in the counter lungs during descent.

MODULARITY

Stealth SC is a modular system. Through the use of compatible accessories, Stealth SC affords operators the flexibility of mission-specific configurations. These options include:

- Buoyancy compensation device with integral weight pockets.
- Bite Mouthpiece and Half Mask.
- Optional separate low magnetic eXternal Breathing System (XBS).
- Dual Mode Mask, permitting breathing from closed and open circuit gas supplies such as XBS.
- Open circuit bailout options for both Bite Mouthpiece and Dual Mode Mask.

PERFORMANCE

- 60m using trimix or heliox gases.
- 54m using standard NATO nitrox gases.
- Brief excursions to a maximum depth of 6 msw on 100% O₂ with short duration excursions to 15 msw (dependent upon local oxygen exposure regulations)
- Breathing performance to UK HSE / EN standards.
- Operating temperature -20°C to +49°C.
- Sea temperature operation -1°C to 37°C.
- Freshwater temperature operation 1°C to 37°C.
- Non magnetic to NATO STANAG 2897 A / AEODP-7
- Low acoustic.
- Integrated Oxygen Partial Pressure (PO₂) monitor and decompression computer.

KEY FEATURES



Non Magnetic



Low Acoustic



54m Depth



Modular System

TYPICAL SPECIFICATION

Weight	15 kg
Dimensions	500 x 365 x 150 mm
Scrubber Capacity	3.5 kg Molecular Products Sofnalime 797 Grade 812 Mesh
Working Pressure	300 bar

ACCESSORIES

Stealth SC can be tailored to specific user requirements. Its function can also be augmented via the use of the following optional accessories:

- Bite Mouthpiece and Half Mask.
- Dual Mode Bite Mouthpiece Assembly.
- Buoyancy compensation device with weight pockets.
- Open circuit bail-out options.
- Full Face Dual Mode Mask.
- Low magnetic eXternal Breathing System (XBS).
- Built-in-Breathing System.