



DIVEX Shadow Enforcer

Lightweight Shallow Water Underwater Breathing Apparatus





Shadow Enforcer



INTRODUCTION

The Divex Shadow Enforcer is a lightweight, easily maintainable and rapidly deployable Underwater Breathing Apparatus (UBA).

Shadow Enforcer has been designed to meet the evolving needs of maritime law enforcement and special operations divers. As a closed circuit oxygen rebreather, it is ideally suited for ships' hull inspection activities, Improvised Explosive Device searches, Crime Scene Investigation and for locking in- and out- of a submarine at depths of up to 6 meters.

The use of pre-packaged ExtendAir cartridges ensures consistent CO₂ scrubbing performance and reduces the requirement for divers to pack granules manually. They also provide the lowest work of breathing possible from a canister, reducing diver fatigue.

Oxygen is supplied from either a 200 or 300 bar cylinder and monitored by an easily accessible pressure gauge. An automatic demand valve regulates the flow of oxygen and also doubles as a manual bypass facility.

External counter lungs are positioned on the divers' upper chest, providing a streamlined swim profile and comfortable, easy breathing. Divex Shadow Enforcer UBAs are compatible with a standard bite mouthpiece or with an optional full-face mask.

The Divex Shadow UBA is also compatible with the Divex Digicom through-water communications system, enabling diver-to-diver and diver-to-surface communications up to 5km.

IN-FIELD UPGRADE

For diving operations beyond the safe depth of oxygen, Shadow Excursion may be quickly upgraded to a semi-closed circuit nitrox UBA, or a combined oxygen/nitrox UBA. The change is a five-minute in-field upgrade that requires no tooling or additional equipment.

Nitrox is similarly supplied from either a 200 or 300 bar cylinder via a Constant Mass Flow (CMF) orifice and automatic demand valve that also serves as a manual bypass facility.

KEY FEATURES



Pre-packed ExtendAir CO₂ Absorbent Cartridge



Simple Operating Procedures



Small and Lightweight



Low Work of Breathing

SPECIFICATION

Duration	120 - 180 minutes
Operational Depth	24m (Nitrox) 6m (Oxygen),

ADVANTAGES

The Divex Shadow Enforcer UBA has been designed for ease of use and maintenance. Its design affords operators the following advantages:

- Small and lightweight for ease of transportation, stowage and operation.
- Simplified pre- and post-dive procedures.
- Simplified maintenance procedures
- ExtendAir CO₂ absorption cartridges maximise performance and allows packaging onboard a submarine.
- Extremely low work of breathing.
- Rugged and field-proven design.
- Common components with other Divex Shadow UBAs.
- In-field upgrade to Nitrox or combined Oxygen/Nitrox UBA.

OPTIONAL & RELATED EQUIPMENT

JFD can supply Shadow Enforcer with the following optional, compatible equipment:

- Transport case.
- Full Face Dual Mode Mask.
- Dual Mode Mouthpiece.
- Buoyancy Compensation Jacket.
- Duration upgrade kit.
- Emergency open-circuit bail-out system.
- Divex Digicom through-water communications.
- Dry suit inflation system.