

# Shadow / Shadow Excursion

(Shallow Water Underwater Breathing Apparatus)



For more information

Shadow is a Shallow Water Underwater Breathing Apparatus (UBA). Shadow's unique design offers maritime Special Operations Forces unparalleled performance and mission flexibility whilst minimising size and weight.

For diving operations beyond the safe depth of oxygen, Shadow may be quickly upgraded in the field to a semi-closed circuit nitrox UBA or to a combined oxygen/nitrox UBA (Shadow Excursion).



## When in Oxygen Mode

Oxygen is supplied from either a 200 bar or 300 bar cylinder via an automatic demand valve that also serves as a manual bypass facility. The oxygen cylinder pressure is monitored by an easily accessible pressure gauge.

## When in Nitrox Mode

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

**This unique capability is readily undertaken within five-minutes by the simple interface of nitrox associated components without the need for tools.**

## Logistic Advantages

The unique multi-mission capability of Shadow offers reduced through life costs and logistic advantages that include:

- Upgradable to a nitrox or combined oxygen/nitrox UBA
- A common platform reduces costs associated with training divers to use multiple UBA
- Common spares reduces the spares inventory
- Common documentation/manuals
- Reduced maintenance
- Fully user serviceable

## Improved Safety

Familiarity with a single UBA platform enhances diver safety as a result of familiarity of the standard and emergency operating procedures of a single UBA.



Shadow has been designed to be immediately interfaced with the Divex Digicom Diver Through Water Communications (DTWC) system that enables diver to diver and/or diver to surface communications up to a maximum range of 5000m.

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[www.divexglobal.com](http://www.divexglobal.com)

