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SWISS REGISTER OF COMMERCE NR. CH-073.1.018.088-9 / Mwst.Nr. CHE-113.779.600

DeepSea Diving Helmet DSL B-2 Caribe



The DSL B-2 Caribe diving helmet is a surface demand life support system. Equipped with a standard SCUBAPRO A700 demand valve, the demand valve adjustment allows an optimal breathing comfort. It has a neutral buoyancy for an optimized comfort underwater and a quarter-turn valve ensures a rapid bailout opening in case of emergency.

Technical Data

- **Weight:** 12.8 kg
- **Dimensions:** 380mm x 300mm x 340mm (length x width x height)
- **Regulator:** Scubapro A 700





The DSL B-2 Caribe is equipped with double overpressure valves, a separated and silent freeflow and defog system, a communication system, an adjustable inliner, a bronze neckring with neoprene neckdam and an anti-panic closing/locking system.

Material of the DSL B-2 Caribe

Composites	Glass fibres Carbon fibres	Base shell Cover
Metals	Stainless steel nickelled brass	Side Block Neckdam
Polymers	EPDM, silicone Neoprene	O-ring, Nasal mask Neckdam
Polycarbonate	LEXAN Aviation	Screen

DeepSea Diving Helmet DSL B-2 Nuclear



The DSL B-2 Nuclear is a dive helmet designed for underwater works in polluted environments. It has a neutral buoyancy for an optimized comfort underwater.

Technical Data

- **Weight:** 13.8 kg
- **Dimensions:** 380mm x 330mm x 340mm (length x width x height)
- **Regulator:** Scubapro A 700



The DSL B-2 Nuclear is mounted with a double spring loaded overpressure valve to ensure the divers security in polluted media. This system ensures a constant overpressure of 5mB inside the helmet and avoids the flow-back of any poisoned particles.

Double air system:



Material of the DSL B-2 Nuclear

Composites	Glass fibres Carbon fibres	Base shell Cover
Metals	Stainless steel nickelled brass	Side Block Neckdam
Polymers	EPDM, silicone Neoprene	O-ring, Nasal mask Neckdam
Polycarbonate	LEXAN Aviation	Screen

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DeepSea Diving Helmet DSL A-2 TDH



The DSL A-2 TDH is a surface breathing helmet convertible in a diving helmet in less than 30 seconds. It is designed for works in unbreathable environments on surface and underwater works in polluted waters.

Technical Data

Configuration:

Surface mode

Diving mode

Weight:

3.5 Kg

15.5 Kg

Dimensions:

(length x width x height in mm)

380 x 330 x 340

380 x 330 x 340

Regulator:

2 x freeflow system





Left view of the diving configuration



Right view of the surface configuration

The helmet has two different top shells. One light top shell for surface works and one heavy top shell for underwater works. This way, it is possible to switch from the surface mode into the diving mode by clicking two locking clamps. Both top shells have standard mounted M5 stainless steel inserts for fixing camera and light.



Heavy diving cap



Naked helmet



Light surface cap

The DSL A-2 TDH is equipped with a double freeflow system which ensures a minimum of 80 l/min of breathing gas in the helmet. This flow rate can be increased manually up to 220 l/min. The airdistribution block is compact and fixed at the worker's belt or harness.

This helmet has been developed in close cooperation with NORDSEETAUCHER GMBH of Germany.

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DeepSea Diving Helmet

Photoelectrical Welding Lens



Technical Data

- **Darkening time:** 0.02 seconds
- **Clearing time:** 0.2 seconds
- **Depth resistance:** 500 m
- **Tint:** 2 to 10
- **Field of vision:** 90 x 45 mm

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DeepSea Diving Helmet Removable Ballast



The removable ballast is designed to fit all DSL B-2 Nuclear and DSL B-2 Caribe diving helmets. It is built to be removed and put back on the helmet in less than 15 seconds. This system increases the working comfort to the diver when they have to wait on surface and cannot remove the helmet.

Technical Data

- **Weight:** 6.5 kg
- **Dimensions:** 380mm x 330mm x 340mm (length x width x height)





The removable ballast is built to fix lamps, camera and welding lens in a simple and solid way.

