

HBB200 Delta B.I.B.S MK II



Order Code: HBB200

Lightweight and robust built-in breathing system for hyperbaric chambers

The Delta MK II BIBS (Built-In Breathing System) is designed to provide advanced breathing performance with minimal work of breathing for both therapeutic and emergency use.

Ergonomically designed as a lightweight unit, it features a quick-release oral nasal to allow easy change-out for hygienic use. The system has been developed and tested over many years to withstand demanding conditions within hyperbaric chambers.

The unit incorporates a robust advanced polymer body for durability, while the removable oral nasal allows for individual issue or straightforward biological decontamination.

Technical Specification

Model	HBB200
Weight	1010 g
Operating Depth	450 msw
Work of Breathing	Low work of breathing (NORSOK U101)
Cleaning	Cleaned and prepared for oxygen use



Applications: Commercial diving, Inland diving, Saturation diving, Offshore operations, Search and rescue

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Performance & Testing

The Delta MK II has been independently tested to 450 msw. At a ventilation rate (RMV) of 62.5 litres per minute, work of breathing, CO₂ levels, and respiratory pressures were all within preferred limits.

Testing was conducted in accordance with NORSOK U101 guidelines, providing a recognised protocol in the absence of a harmonised global standard.

Maintenance & Hygiene

The system is cleaned and prepared for oxygen use, with all components degreased, ultrasonically cleaned, and assembled in a controlled workshop environment.

The BIBS mask should be included within a Planned Maintenance System (PMS). Guidance can be found within IMCA D018 (Section 5.2). Maintenance and cleaning procedures are detailed within the product manual.

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