



Unique Group

Diving & Life Support

## Mixed Gas Dive Control System with Class Certification



Diving & Life Support

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

# Mixed Gas Dive Control System

Built to withstand extreme cold temperatures

Unique Group's class-approved Containerised Mixed Gas Dive-control & Machinery System is provided with all the required fit-out for 3-diver control & supervisory with storage, air compressors & diver hot water unit. It is built in accordance with IMCA standards and suitable to operate in both hot & cold climatic conditions. The system is unique in its design, quality and compliance.

## COMPONENTS

- The container unit is fully airconditioned and fitted out with power supplies, main and emergency lighting, and fully thermal insulated.
- 3-Diver Mixed Gas panel
- Control Console & Monitoring System
- HP Air Compressor and Air Storage System
- Fireproof Bulkhead
- 4 Access Doors
- Supervisory Deck
- Fire Fighting System for Container
- Internal Fixed BA System for Container
- Internal Fire Detection Smoke Alarm System
- Diesel Hot Water Unit fitted inside the container with an extendable platform



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## PARAMETERS

Description	Design Parameter
System Depth Rating	75 MSW (As per IMCA)
Medium	Mixed Gas
System HP Pressure	200 BAR
System LP Pressure	24 BAR
System Storage	18 X 50 Litre X 200 BAR Air Cylinders
Compressor Specification	225 BAR Max-450 LPM
Electrical Specification	380-415V X 50 HZ 35 KVA



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## STANDARDS

- IACS Class Rules
- IMCA D023 & IMCA D018
- ASME Section VIII Div.1
- ASME PVHO-1
- DNV 2.7-1
- IMCA D023: Design for Surface Oriented (Air) Diving Systems
- IMCA D014: International Code of Practice for Offshore Diving
- IMCA D039 - FEMA Guide for Diving
- ISO 9809-1-2010 Refillable Seamless Steel Gas Cylinders-Design, Construction & Testing



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Local presence  
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