

Dive Control / DDC Package – Technical Specifications



Container

- Manufactured to BS EN 12079
- Container dimensions 22' x 9' x 8'6" / 6.7m x 2.7m x 2.6m (L x W x H)
- Container weight: Tare 4,000Kg, SWL 8000Kg, Gross 12,000Kg, c/w 4 leg wire rope sling and safety shackles
- Full Dive Control and DDC inlet/outlet gas and electrical service connection panel contained within protected bulkhead



Chamber

- Twin lock 60" / 1.5m diameter chamber designed to BS 5500 Cat 1
- Manufacturer Lake and Nichols
- Design pressure 150 psi
- Hydrostatic test pressure 225 psi
- Design temperature -10°C to +40°C
- Main lock volume 6m³
- Entry lock volume 2m³
- 4 x view ports
- 10"/25cm diameter medical lock with pressure interlock safety system (external only)
- Entry lock seat
- 1 x bunk beds
- Primary and secondary air supplies
- Built in breathing system ('BIBS') C/W Scott Pressure Vak 2 masks.
- Primary and secondary communications systems
- Chamber observation CCTV system
- Hyperbaric fire extinguisher
- Emergency CO₂ scrubber
- Externally mounted chamber heating systems
- Oxygen and carbon dioxide analysers
- Removable stainless steel deck plates
- Chamber control panel
- Fully tested to IMCA DO18 requirements and witnessed by Lloyds Register
- Fully maintained in accordance with IMCA guidelines



Dive Control

- IMCA D023 compliant, stainless steel engraved, 3 x diver panel
- Primary and secondary air supplies
- Tungum pipework and brass fittings pressure tested and certified to 1.5 x safe working pressure (SWP)
- Diver air supply O₂ analysis
- 2 x Amcom model 2830 R, 3 x diver communications units
- Four channel speaker station for external communications
- Quad TV diver camera monitors
- Diver black box recorder and monitor
- Survey monitor
- Diver depth profile monitoring and recording system
- 4 x Hat light control units
- DP alarm
- 4 x uninterrupted power supply units (UPS)

