

Transportable Recompression Chamber System

TRCS

DESCRIPTION

The JFD Cowan Transportable Recompression Chamber System (TRCS) has two components comprising the Transportable Recompression Chamber (TRC) and the Transfer Lock (TL).

The system is capable of being transported to remote locations where diving operations or emergency rescue activities are to be carried out. The TRC can accommodate two persons (patient and attendant) and the TL, two persons. It is capable of diving to a depth of 70 meters. The TRC can provide oxygen, air, and mixed gases (or air and oxygen only) for an unlimited period (most dive tables are to a maximum of 6 hours). The TL provides air and oxygen.

IN-SERVICE SUPPORT

The JFD Cowan TRC operates as a total Life Support System for its occupants. It has passed the most rigorous laboratory and field testing of the USA Navy. It is supplied to the USA and Australian Navies with over 100 systems distributed, to date, worldwide. JFD Cowan is committed to providing ongoing In-Service Support. With all JFD Cowan chambers, clients are offered maintenance, installation, commissioning, spare parts and training programs. JFD Cowan has formal representation throughout the world, especially in Asia.



QUALITY STANDARDS

JFD Cowan is accredited to the highest international quality standards including ISO9001:2000. The company is accredited as a supplier to both the USA and Australian Navies and as a repair facility by the Australian Department of Defence.

WORLD LEADER

JFD Cowan is a leader in both Hyperbaric and Hypobaric applications. This involves a wide range of chambers from small transportable units to Twin Lock Chambers, large Hyperbaric Medical Chambers and Aircraft Simulation (Hypobaric) Chambers used for pilot altitude simulation training.

CAPABILITY

JFD offers full design, installation, commissioning, training and in-service support service - internationally.

TRANSPORTABLE RECOMPRESSION CHAMBER (TRC)

- Light enough to be handled manually
- Can be transported by air, sea and road transport
- Can be moved easily on pneumatic tyred wheels
- Radio communication between the operator, patient and attendant
- Oxygen and carbon dioxide monitoring systems
- JFD Cowan developed air-driven CO₂ scrubber
- Removable stretcher and attendant seat
- Three viewports
- Medical lock for transferring objects under pressure
- Forkliftable skid
- Stainless Steel pipework with O ring seals for leak tight integrity and ease of removal
- Back-up systems for safety
- Low maintenance
- Stretcher and stretcher slide for ease of patient transfer
- Treatment maintained whilst being transported
- Gas cylinders can be attached to skid frame



PREVIOUS CLIENTS INCLUDE

NAVSEA, US Navy
 Australian Navy
 NSW Water Police
 SA Water Police
 Royal Adelaide Hospital
 Royal Thai Department of Health
 Fraser Diving - Singapore
 ADI (Australian Defence Industries)
 Australian Institute of Sport
 Intermarine Spa, Italy
 Royal Thai Navy
 Tenix Shipbuilders
 Philippine Coastguard

TRANSFER LOCK (TL)

- Light enough to be handled manually
- Can be moved easily on pneumatic tyred wheels
- Can be transported by air, sea and road transport
- Radio communication between the operator, patient and attendant
- Connection for oxygen and carbon dioxide monitoring systems
- JFD Cowan developed air-driven CO₂ scrubber
- Two seats
- Two viewports
- Stainless Steel pipework with O ring seals for leak tight integrity and ease of removal.
- Forkliftable skid
- Air and oxygen supply
- Back-up systems for safety
- Low maintenance