Transportable Recompression Chamber System
(TRCS)

INTRODUCTION

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 70msw (225fsw). The TRC can provide oxygen, air, and mixed gases. The TL provides air and oxygen.

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 US Navy. It is supplied to the US and Australian Navies with over 100 systems distributed to date, worldwide.

IN-SERVICE SUPPORT

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.

CAPABILITY

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

jfdglobal.com
enquiries@jfdglobal.com

QUALITY STANDARDS

JFD Cowan is accredited to the highest international quality standards including ISO9001:2015. The company is accredited as a supplier to both the US 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 the small transportable units to twinlock chambers, large hyperbaric medical chambers and aircraft simulation (hypobaric) chambers used for pilot altitude simulation training.

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 tyre wheels
- Radio communication between the operator, patient and attendant
- Oxygen and carbon dioxide monitoring systems
- Cowan developed air-driven CO_2 scrubber
- Removable stretcher and attendant seat
- 3 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
- Air, oxygen and mixed gas supply (or air & oxygen only)
- 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
- Dimensions with wheels - 2320 (L), 1320 (W), 1335(H)
- Weight - 575kg
- Options - Hyperbaric light, environmental control system (a/c), portable gas cylinder frame for TUP

Transfer Lock (TL)

- Light enough to be handled manually
- Can be moved easily on pneumatic tyre 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
- Cowan developed air-driven CO_2 scrubber
- Seat (optional)
- 2 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
- Gas cylinders can be attached to skid frame
- Dimensions with wheels - 1537 (L), 1405 (W), 1340 (H)
- Weight - 650kg
- Options - Hyperbaric light, environmental control system

jfdglobal.com
enquiries@jfdglobal.com