

TRANSPORTABLE RECOMPRESSION CHAMBER SYSTEM (TRCS)



The 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 & 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 & oxygen only) for an unlimited period (most dive tables are to a maximum of 6 hours). The TL provides air and oxygen.



View Inside Transportable Recompression Chamber – TRC (left)

Cowan Transportable Recompression Chamber (TRC) in Bell 412 Helicopter (above).



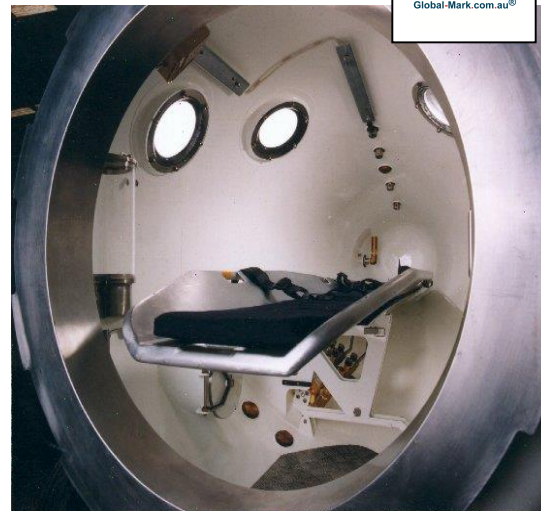
The Cowan TRC operates as a total life support system for its occupants. It has passed the most rigorous laboratory & field testing of the USA Navy. It is supplied to the USA and Australian Navies with over 100 systems distributed to date, worldwide.

Cowan is committed to providing ongoing In-Service Support. With all Cowan chambers, clients are offered maintenance, installation, commissioning, spare parts and training programs. Cowan has formal representation throughout the world, especially in Asia

See over for more details ...

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.

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.

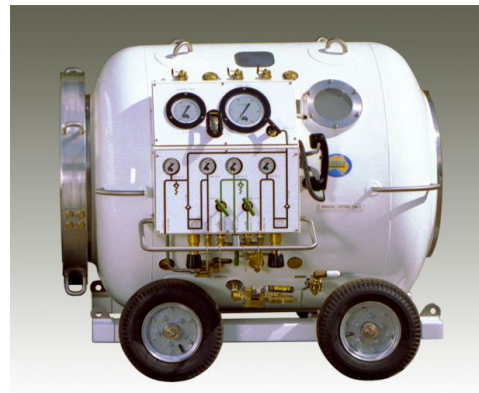


Transportable Recompression Chamber (TRC)



- 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 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
- Air, oxygen & mixed gas supply (or air & oxygen only)
- Back up systems for safety
- Low maintenance
- Stretcher & stretcher slide for ease of patient transfer
- Treatment maintained whilst being transported
- Gas cylinders can be attached to skid frame

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 CO2 scrubber
- Two seats
- Two viewports
- Stainless Steel pipework with "O" ring seals for leak tight integrity and ease of removal.
- Forkliftable skid
- Air & oxygen supply
- Back up systems for safety
- Low maintenance
- Gas cylinders can be attached to skid frame

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