



TRANSPORTABLE RECOMPRESSION CHAMBER SERIES

Recompression Chamber System Specifications (as supplied to US Navy):

**Cowan Transportable
2-person TRC**



**Cowan Transportable
2-person TL**



**Cowan Transportable
5-person TL**



Depth Rating	700kPa, 247 FSW (70mtr)	700 kPa, 247 FSW (70mtr)	770 kPa, 247 FSW (70mtr)
Design Code	AS 1210 - 1989	AS 1210 - 1989	AS 1210 - 1989
Design Temperature	-18 TO 51.7 'C	-18 TO 51.7 'C	-18 TO 51.7 'C
Overall Length	2,345 mm	1,547 mm	2,943 mm
Overall Height	1,340 mm	1,340 mm	1,361 mm
Overall Width	1,320 mm	1,403 mm	1,533 mm
Internal Volume	1.25 SCM	1.3 SCM	2.4 SCM
Life Support Piping	Stainless Steel	Stainless Steel	Stainless Steel
Chamber Material	Stainless Steel	Stainless Steel	Stainless Steel
Weight Without Personnel	575 Kg	650 Kg	950 Kg
Human Capacity	1 x patient, 1 x attendant	2 x people	5 x people
CO2 Scrubbing Capability	6 Hours	6 Hours	6 Hours
Medical Lock	146mm ID x 300mm long	nil	nil
Mating Flange	Fixed Male NATO	Female NATO	Male & Female NATO
Manway Size	661 mm I.D.	661 mm I.D.	661 mm I.D.
Viewports	3 X 152 mm	2 X 152 mm	3 X 152 mm
Seating/Stretcher	Stretcher (1815x500) & seat	2 x seats (option)	2 x benches
Chamber Cycle Life	5000 Cycles	5000 Cycles	5000 Cycles
Pneumatic Wheels	3x400 mm Dia.	4x400 mm Dia.	Castor wheels
Life support Capacity	Air, oxygen & mixed gas	Air & oxygen	Air & Oxygen
Oxygen & CO2 Monitoring	Yes	No	Yes

Note: Cowan also supplies an alternative model (as supplied to Australian Navy) that operates at 50MSW & utilizes air & oxygen systems (no mixed gas).