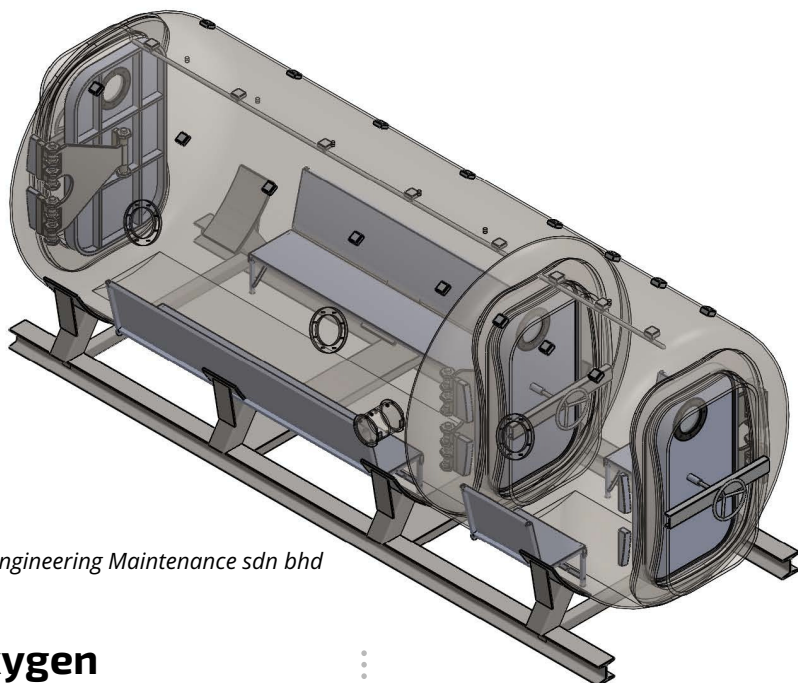


HYPERBARIC CHAMBER 1800

EQUIPMENT SPECIFICATIONS

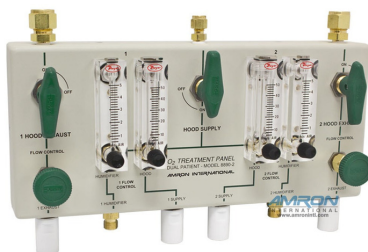
➔ CHAMBER DESIGN

Chamber diam ID 1800mm
 Leng : 6000mm
 Width: 1850mm
 Code ASME SEC.VIII DIV 1-2015 PVH0-01 (2012)
 Design Temp: 45 °C (125 F)
 Operating Pressure : 5.0 Bar
 Operating Temp: 25° C
 Shell/ Head: ASTM A516 Gr.70
 Weight 6000 kg.



By Seatech Engineering Maintenance sdn bhd

➔ Oxygen Treatment Panel



Hyperbaric Oxygen Treatment Panel provides easy administration and humidification of the oxygen supply to the patient within the chamber. Exhaled gas is discharged outside of the chamber, thereby controlling the O2 and CO2 gas levels within the chamber. The 8890 System is available with a wide selection of masks and hoods so that you can customize your system to your patients' needs. Oxygen flow rates are adjustable and easily monitored.

➔ Scott Bibs Pressure VAKII



The Pressure VAK TM designed to administer oxygen or gas mixtures to a diver or patient in a hyperbaric chamber environment. The demand regulator assembly provides breathing gas on demand (inhalation) The regulator is designed to operate with a constant inlet pressure of 65 to 125 psi over chamber pressure

➔ Oxygen Analyser

The Mini-O2 Is a pocket size external oxygen monitor Ideal for verifying O2 levels in Nitrox cylinders, Monitoring compressor output for O2 concentration, measuring O2 levels in diving chambers, medical applications.

➔ 3D Instrument Precision Gauges



The pneumo gauge of choice due to its high accuracy precision quality and custom tailored dial readings. Available in readings of PSI, FSW, FFW (Feet of

Freshwater), BAR, MSW, ISO and Metric Scales as well as other scales and combinations readings in dual scale. The 2554 was designed as a test gauge to recalibrate other gauges of lesser technologies. Series 2554 comes standard with calibration test certificates.

➔ AMRON II Communication system



The Amron Chambers are manufactured in accordance with ASME Sec.VIII Div. 1, 1998 A98 PVH0-1a-1997 Pressure Vessel for Human Occupancy" codes. All subsystems, components and ancillary support systems are designed using the highest Hyperbaric and Human Engineering! standards, National Fire Protection standards and Hyperbaric Safety Standards.

➔ Canty Lighting System

The HYL Canty lighting System's patented design allows a very intense beam of light to cross the pressure boundary. The light beam can be diffused or condensed giving a wide range of light outputs. A low voltage bulb provides a point source of light. The elliptical reflector then focuses the light onto the light pipe. The light bounces down the light pipe emitting into the chamber. The light beam can vary from 30° to 90° by adding a cone at the bulb end.

➔ Amron Three Stage Filtration System



The Amron Model 8403 three stage Breathing Air Filter System is housed in a rugged aluminum frame with inlet and outlet gauges and valves. The filters are housed in hard die cast aluminum bowls with automatic drains. The filter bowls have easy screw-on threads that allow or changing the filter element without removing the filter from the system. The first stage is a general purpose filter that removes liquids and solids down to 5 microns. The second stage filter removes sub-micron particles and oil aerosols down to 0.01 micron before the third stage removes oil vapors and odor using a carbon cartridge.