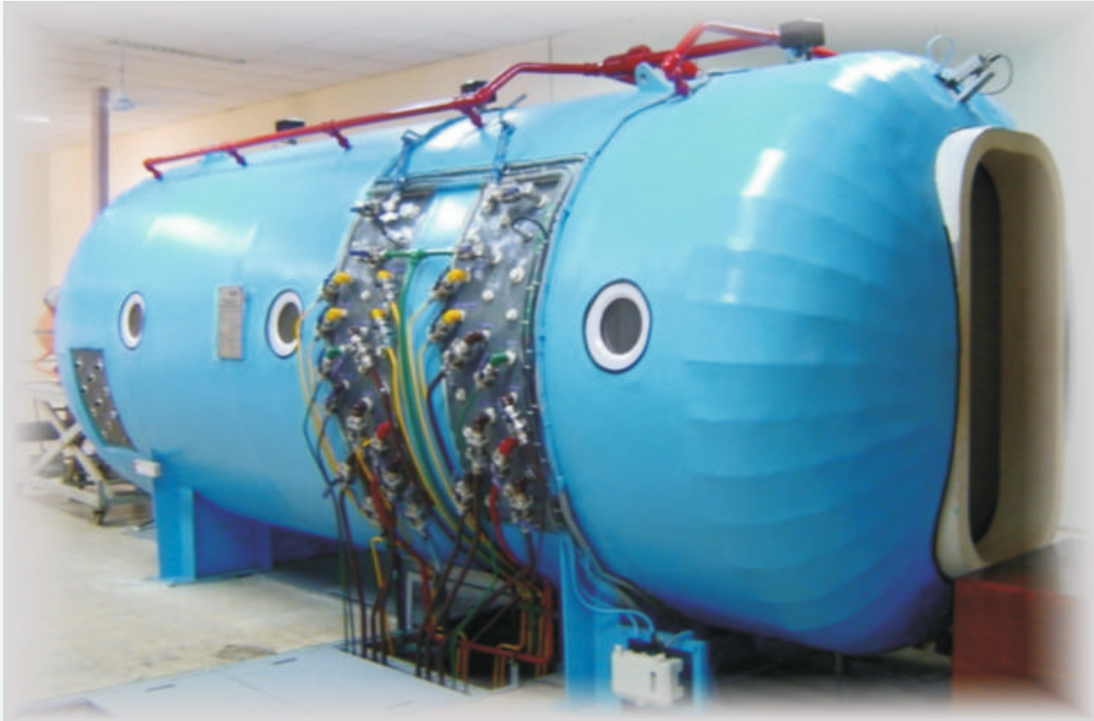


HYPERBARIC OXYGEN THERAPY HBOT



RESEARCH

TRAINING

INDIGENOUS DESIGN AND FABRICATION

- It consists of two Recompression Chambers - static Clinical Chamber installed at shore hospital INHS, Asvini and a portable Transfer Chamber used for transferring divers/patients from ship to the hospital for research purposes and for treatment during emergencies.
- The clinical chamber is a horizontally placed man-rated pressure vessel and has one main and one antelock chamber, pressurized by compressed air and fully equipped with life support system for the occupants.
- The chamber is well equipped with state-of-the-art biomedical instrumentation like wireless ECG, Non-invasive Blood Pressure monitoring system, wireless EEG, Transcutaneous Oxygen Monitor (TcPO₂) for monitoring critical physiological parameters
- Both chambers are capable of operating at 5 bar (6ATA) pressure.
- Samudrasuta hyperbaric facility can be used for research in underwater physiology and medicine, treatment of decompression illness (the 'bends'), carbon monoxide poisoning, radiation necrosis, reconstructive surgery, intractable infections, frostbite and gangrene, spinal cord injuries and brain deficiency in children including certain types of malignancies.

ONLINE PHYSIOLOGICAL MONITORING

HYPERBARIC OXYGEN THERAPY HBOT

SAFETY

- Designed and built to International ASME, PVH01 standards of safety.
- Certified by Beureau Veritas and Lloyd's India.
- Certified safe breathing air supply.
- Fire sensors and deluge fire extinguishing system.
- Video monitoring of activity inside the chamber.
- Oxygen supply through BIBS.



Patient Being Diagnosed

COMFORT

- Designed to comfortably seat four subjects in sitting position or two in supine position.
- Large space ensures non-claustrophobic comfortable environment.
- Easy movement inside the chamber.
- Rectangular door for easy access and movement.
- Wide transfer (mobile) chamber docking for easy subject transfer.
- Fail-safe communication with operator.



Inside View of Chamber



Transfer Chamber



Control Panel



Controls & Fire Protection Accessories

Manufactured By :

VIJAY SABRE SAFETY PVT. LTD.



An ISO 9001:2000 certified

HEAD OFFICE :

Plot No. 35, Chandivali Village, Off Saki Vihar Road,
Andheri (E), Mumbai 400 072, India.

Tel.: +91 22 28475036 / 28474045 / 28478780 / 28478785

Fax : +91 22 28470021

Web : www.vijaysabresafety.com Email : vijaysabre@vsnl.net

WORKS :

Plot No. 11, Survey No. 46/1 P, Daman Ganga Industrial Estate,
Athal, Silvassa - Bhilad Road, Silvassa - 396 230. U.T. of D&NH.

Tel.: +91 0260 2632429 Tel/Fax : +91 0260 2644072

Under Technology Transfer

From :



**DEFENCE INSTITUTE OF
PHYSIOLOGY &
ALLIED SCIENCE
(DRDO)**