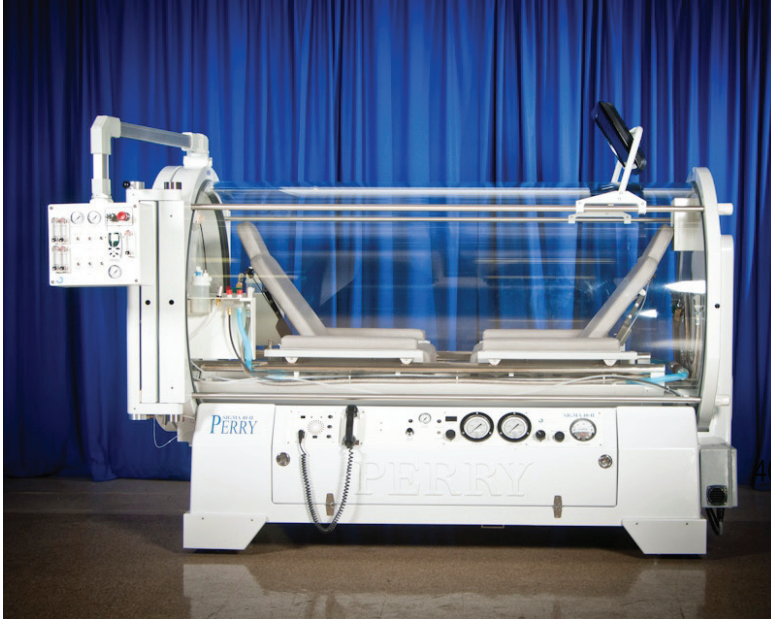


PERRY BAROMEDICAL

Hyperbaric Therapy Systems

Sigma 40-II

Dual Place Hyperbaric System



Overview

The SIGMA 40-II Hyperbaric System provides oxygen therapy for two patients. The system is pressurized with medical grade quality air. Patients are seated in comfortable, fully padded treatment chairs. Patients breathe pure oxygen through a built-in breathing system (BIBS), using "Duke" style hoods. Patient comfort is of utmost priority in the design of the SIGMA 40-II. The world's largest diameter acrylic greatly reduces containment anxiety while the reclining seats maximize comfort during treatment.

Highest Level of Reliability & Safety

- The only company to manufacture, install & service monoplac, dual place and multiplace systems over 50 years
- The ability to hear, see and monitor the patient during treatment
- Superior electronic voice communication system to ensure safe, uninterrupted communication with patient
- Extra wide Stryker Gurney® which locks to chamber during patient transfer

Features

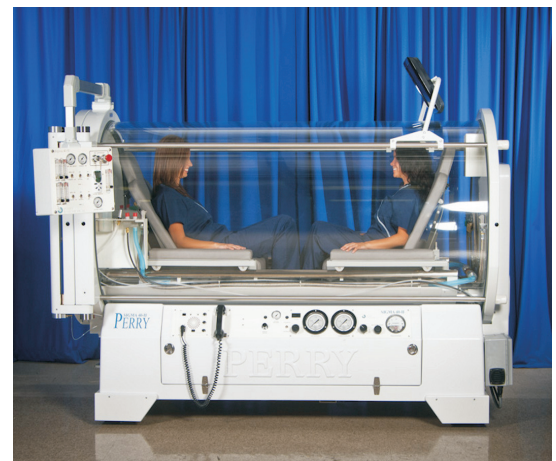
- Multiple position seating
- Easy patient transfer system
- Flexible entertainment capabilities with TV/DVD
- Chair and gurney option
- Up to 700 pounds capacity
- Largest 2 person patient chamber

Maximum Patient Comfort

- 40.5" Internal Diameter - the largest and longest acrylic tube in its class
- Exclusive Stryker Gurney® height adjustable for safe patient transfer and adjustable backrest
- Accommodates 2 patients maximum combined weight 700 pounds
- Cool and quiet treatment compartment
- Entertainment system for patient enjoyment

Most Cost Effective

- Optional accessories to build the chamber that meets your clinical and budgetary requirements
- Increased patient compliance produces higher clinical outcome and revenue





Sigma 40-II

Dual Place Hyperbaric System

The **SIGMA 40-II** provides many features for both patient and operator. These features include the following:

- Automatic Pressurization and De-pressurization after rates are set
- Automatic ventilation of the chamber with adjustable rate control and rate meter
- Four (4) each smooth bore penetrations to accept any combination of TCPO2 and 19 pin electrical feed-through penetrators. This provides the capability to connect patient monitoring (such as EEG and ECG)
- Eight (8) each chamber penetrations to accept connections for intravenous medications and non invasive blood pressure monitoring during treatment
- One (1) each Ventilator feed-through connection
- The ability to hear, see, and monitor the patient at all times during treatment
- A discrete power source allows continued operation of chamber communications in the event of power outage
- Chamber controls are completely pneumatic in nature and require only a compressed gas source.
- Chambers may be ordered with door & controls configured for right or left hand operation.

Technical Specifications Sigma 40-II

PRESSURES:

Maximum Operating Pressure:	30 psig (66 FSW)	2.07 bar (3 ATA)
Design Temperature Range:	32° F to 100° F	0° C to 38° C
Air Supply:	50 to 90 psig @ 40 scfm	3.45 to 6.2 bar @ 1130 lpm
BIBS Supply (O ₂):	50 to 90 psig @ 7.4 scfm	3.45 to 6.2 bar @ 210 lpm
Standby Air Supply:	50 to 90 psig @ 7.4 scfm	3.45 to 6.2 bar @ 210 lpm
Ventilation Rate:	5.3 to 13.6 scfm	150 to 385 lpm
Pressure Change Rates:	1 to 5 psi / min. (approx)	0.07 to 0.34 bar / min
Emergency Depressurization Rate:	3 ATA to Ambient in 6 min. or less	
Maximum Patient Weight (Gurney):	700 lbs	

DIMENSIONS:

Overall Length:	108 inches	274.3 cm
Overall Width:	61 inches	154.9 cm
Width (excl. BIBS console):	46 inches	116.8 cm
Overall Height:	81 inches	205.7 cm
Height (w/o arm):	68.75 inches	174.6 cm
Internal Diameter:	40 inches	101.6 cm
Internal Length (stretcher length):	93 inches	236.2 cm
Internal Volume:	69.3 ft ³	1.962 m ³
Weight:(approx):	3,500 lbs	1,590 kg

FIRE SUPPRESSION SYSTEM WATER PRESSURE REQUIREMENTS:

Main Deluge: 60 gpm @ 110 psig; Handline: 10 gpm @ 85 psig

All Perry systems meet or exceed current requirements of ASME, PVHO-1, NFPA-99, Title 21 Code of Federal Regulations Part 820, and are registered with the National Board of Boiler and Pressure Vessel Inspectors.



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