



Specialized gurney and stretcher are designed for patient comfort as well as ease of loading and unloading.

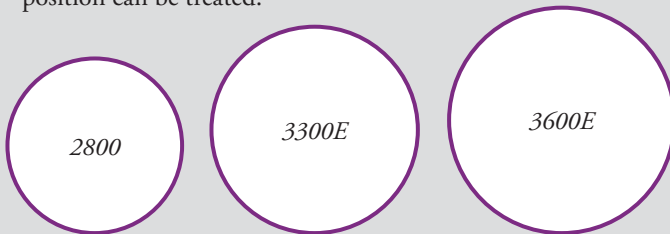
THE LEADER IN PATIENT COMFORT

The design of Model 3300E and 3600E chambers reflect the years of Sechrist experience in chamber manufacture and direct clinician interface to address the issue of patient comfort.

Largest Selection of Chamber Diameters

The interior diameters are spacious, allowing ample freedom of patient movement while providing patient privacy.

- Confinement anxiety is minimized.
- Larger bariatric patients, weighing up to 700 lbs (318 kg) for the 3600EVER and up to 500 lbs (227 kg) for the 3300EVER, can be comfortably treated.
- Patients are able to rest in a reclined position with the head slightly elevated, so that patients who cannot tolerate a supine position can be treated.



Clear Chamber Body

The chamber body is fabricated of polished, clear acrylic.

- Patients can easily view their surroundings and view the television, which help reduce anxiety.
- Attendant can easily view the patient for better monitoring and response to patient needs.
- Two built-in internal gas nozzles located on the inside of the chamber door that direct gas flow to the patient.

Easy Transport and Loading

The chambers are designed for easy patient transport and loading.

- Patients can be transported on the chamber gurney, eliminating additional patient transfers.
- The chamber gurney stretcher slides easily into the chamber with minimal movement or jarring of the patient.
- The optional hydraulic gurney may be raised or lowered to meet the specific needs of each patient.

Multiple Communication Systems

The chambers include multiple communication systems.

- The personal intercom system allows for private two-way conversation between patient and attendant.
- Continuous communication is maintained between attendant and patient via the intercom system even when the handset is not being used for private two-way conversation.
- A hand-held patient call assembly emits an external audio tone to the attendant through a button activated device.

Optional TV System

The Sechrist HBO TV system adds viewing and audio features to enhance patient comfort.

- Features a hospital grade LCD flat panel widescreen with necessary connections for cable, VHS and DVD.
- TV System can move freely along the chamber tie rods for optimal positioning.
- TV has a viewing angle adjustment range of 60 degrees.

3600E Technical Specifications

Internal Diameter: 35.50 in (0.90 m)
 Internal Length: 90.00 in (2.29 m)
 External Length: 105.90 in (2.7 m)
 External Height: 61.00 in (1.55 m)
 External Width: 49.00 in (1.25 m)

Chamber Weight: 2,211 lbs (1,003 kg)
 Patient Stretcher Dimensions:
 30.5 in (77.5 cm) wide by 91.5 in
 (232.4 cm) long
 Supported Patient Weight:
 700 lbs (318 kg) maximum

Maximum Operating Pressure:
 30.0 psig (3.04 ATA, 206.8 kPa)
 Operating Temperature:
 50° to 100° F (10° to 38° C)

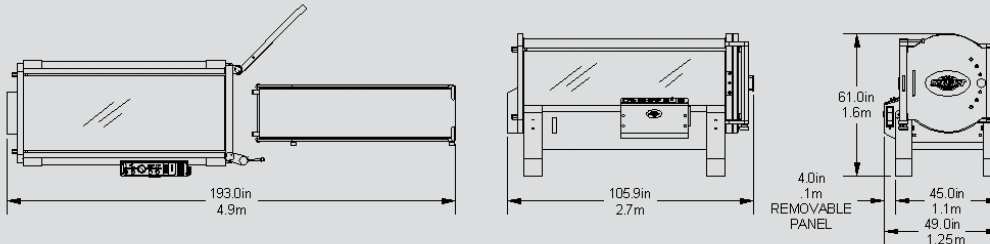
Storage and Transportation:
 Temperature: 32° to 113° F (0° to 45° C)
 Atmospheric Pressure:
 7.3 to 15.4 psi (500 to 1060 hPa)
 Relative Humidity:
 10 to 100%, including condensation
 Supply Pressure: 45.0 to 70.0 psig

Purge Rate (compression phase):
 300 to 400 lpm (at a chamber pressure
 of 15 psig)

Purge Rate (plateau phase): 80 to 400
 lpm (at a chamber pressure of 15 psig)

Emergency Vent Rate: Chamber pressure
 < 0.5 psig, achieved in < 90 seconds

Relief Valves: Two; set at 36.0 psig



3300E Technical Specifications

Internal Diameter: 32.50 in (0.83 m)
 Internal Length: 90.00 in (2.29 m)
 External Length: 105.50 in (2.7 m)
 External Height: 57.50 in (1.46 m)
 External Width: 46.00 in (1.17 m)

Chamber Weight: 2,029 lbs (923 kg)
 Patient Stretcher Dimensions:
 30.5 in (77.5 cm) wide by 91.5 in
 (232.4 cm) long
 Supported Patient Weight:
 500 lbs (227 kg) maximum

Maximum Operating Pressure:
 30.0 psig (3.04 ATA, 206.8 kPa)
 Operating Temperature:
 50° to 100° F (10° to 38° C)

Storage and Transportation:
 Temperature: 32° to 113° F (0° to 45° C)
 Atmospheric Pressure:
 7.3 to 15.4 psi (500 to 1060 hPa)

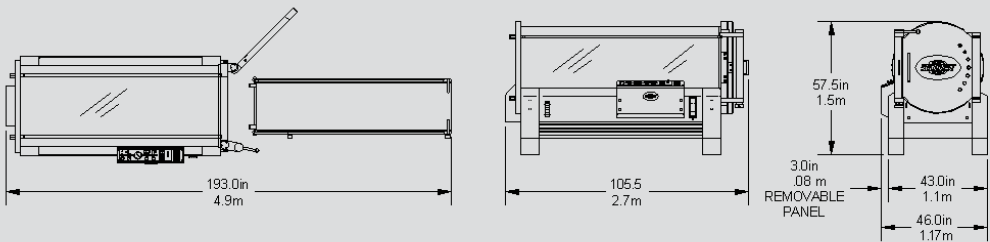
Relative Humidity:
 10 to 100%, including condensation
 Supply Pressure: 45.0 to 70.0 psig

Purge Rate (compression phase):
 300 to 400 lpm (at a chamber pressure
 of 15 psig)

Purge Rate (plateau phase): 80 to 400
 lpm (at a chamber pressure of 15 psig)

Emergency Vent Rate: Chamber pressure
 < 0.5 psig, achieved in < 90 seconds

Relief Valves: Two; set at 35.0 psig



Codes and Standards

Sechrist Industries' design, manufacturing, services and installation systems are certified to ISO 13485 Quality Assurance Standard for Medical Devices. In addition, the Model 3600E/3300E systems are designed, fabricated, assembled, tested, and installed in accordance with the following codes and standards, current editions:

- ASME PVHO-1, Safety Standards for Pressure Vessels for Human Occupancy
- ASME Boiler and Pressure Vessel Codes, Section VIII, Division I, Pressure Vessels
- NFPA 99 Health Care Facilities

- Registered with the National Board of Boiler and Pressure Vessel Inspectors
- U.S. FDA Requirement, 21 Code of Federal Regulations, Part 820
- ISO 13485: 2003 Quality Assurance Standard for Medical Devices
- CMDCAS – Canadian Medical Conformity Assessment System
- CAN/CSA Std. 22.2, No. 601.1
- UL 60601-1

For over 30 years, Sechrist Industries, Inc. has been the global leader in developing hyperbaric technology. In fact, monoplace hyperbaric chambers manufactured by Sechrist represent the largest installed base within developed nations. Our commitment to the field of hyperbaric medicine is unsurpassed as evidenced by our comprehensive range of equipment and field support services.



Widely recognized for the quality and reliability of our products, Sechrist Industries adheres to exacting design standards for all equipment components. We are the only manufacturer of monoplace hyperbaric chambers that manufactures its own acrylic pressure cylinder to meet rigid design standards. All of our products are supported by a Sechrist team of highly skilled, certified technicians whose services are available worldwide.

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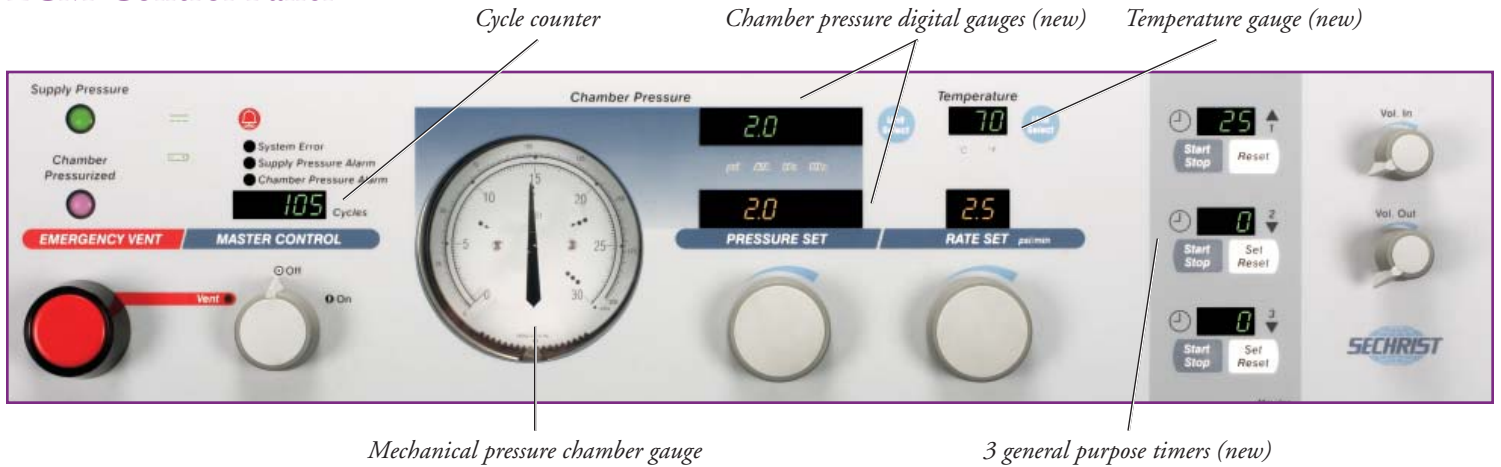


MONOPLACE
HYPERBARIC CHAMBER
with Electronic Control Module



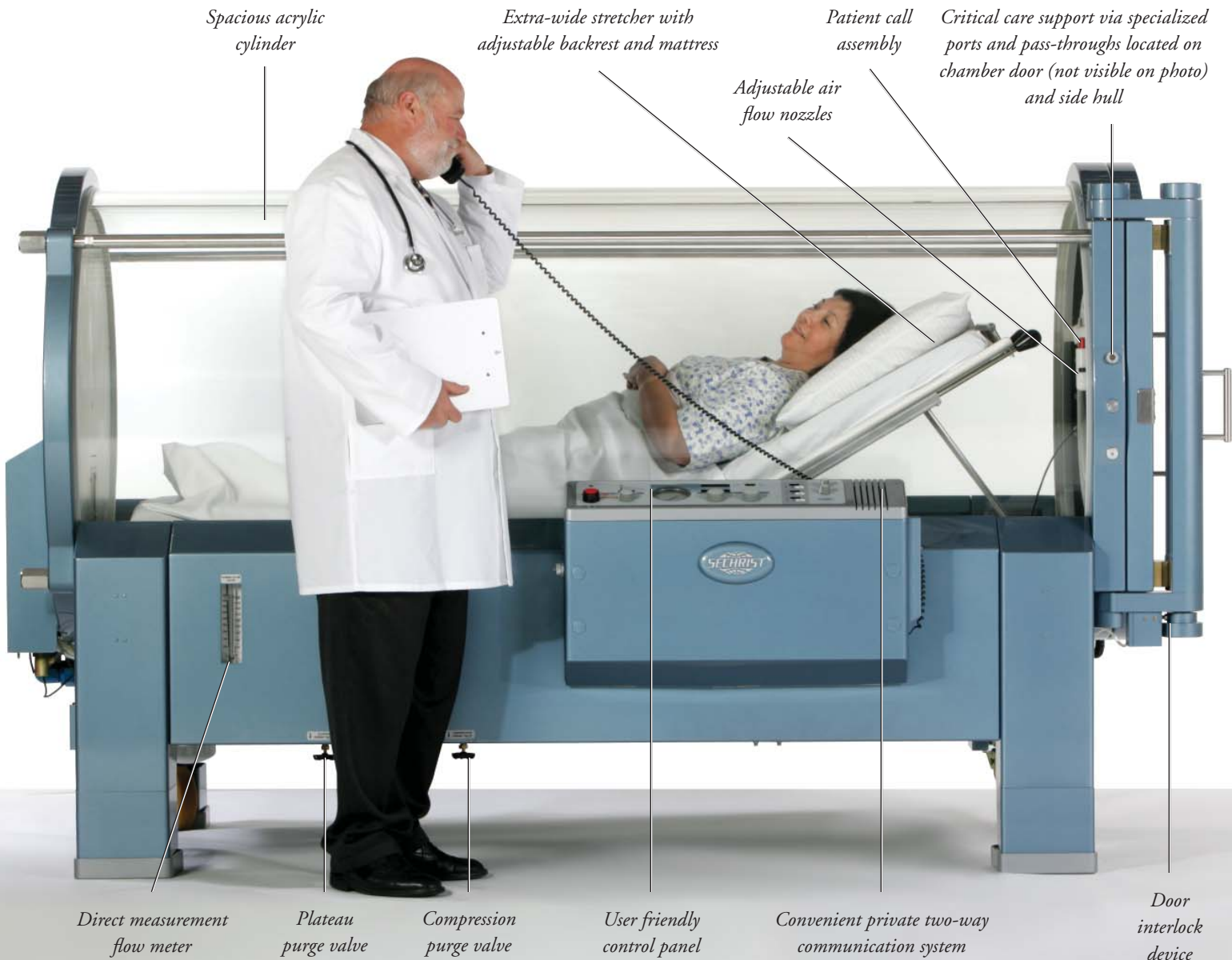
THE WORLD LEADER IN HYPERBARIC TECHNOLOGY

ECM Control Panel



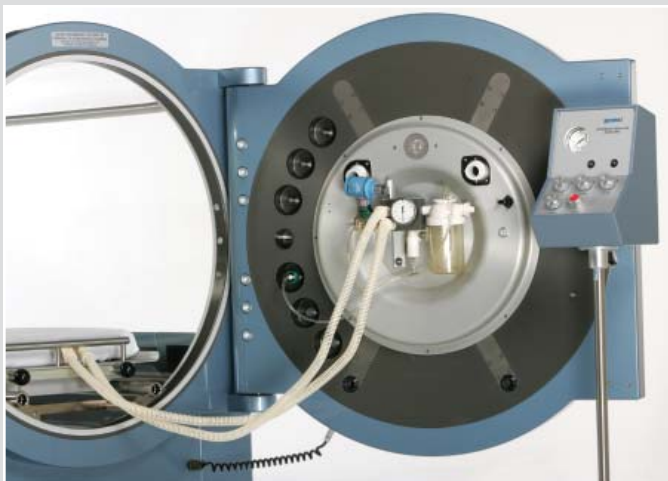
Model 3600E

(shown)



THE LEADER IN ADVANCED DESIGN

The latest monoplace hyperbaric oxygen chamber designs from Sechrist Industries, Model 3300E and 3600E, incorporate features which enhance patient comfort, patient safety, and provide better operator convenience and lower operational costs. Derived from the Model 3200, the industry “gold standard” since 1995, these chambers incorporate an **Electronic Control Module (ECM)** to control the compression rates and pressure. The sophisticated electronics also provide an **Oxygen Conservation System**, **Comfort Profile**, and a unique automated safety feature called **Safe State**. These advanced features, along with a one-year warranty, make the Model 3300E and 3600E chambers an excellent choice for clinical use.



Unique Sechrist hyperbaric ventilator provides respiratory support while automatically compensating for pressure changes within the chamber.



Electrical monitoring, including transcutaneous oxygen monitoring (shown), is possible during treatment.

Capabilities for Critical Care Support

Using specially designed ports and pass-throughs, the chambers are designed to provide the following critical care capabilities:

- Respiratory support, using the Sechrist hyperbaric ventilator designed specifically for Sechrist monoplace hyperbaric chambers
- Multiple intravenous infusion lines
- Electrical monitoring including EKG, EEG, temperature and blood pressure
- Transcutaneous oxygen monitoring
- Patient air-break breathing system
- Noninvasive blood pressure monitoring
- A new larger blank plug located on the chamber door face which can be utilized by clinicians to adapt to different HBO monitoring systems. *(3600E/ER Chamber only)*

Safety Features

The chambers have been designed to the highest safety standards:

- All the components are spark resistant.
- The chamber and stretcher are grounded.
- A patient grounding strap is provided.
- The quick action chamber door is equipped with a door interlock system.
- The chambers can be pressurized with oxygen. They can also be pressurized with air by using the optional gas selection panel.
- An emergency vent system allows the chambers to be depressurized within 90 seconds or less.
- The stretcher is supplied with a fire retardant mattress.
- Should the gas supply unexpectedly fail, the chamber is designed to decompress at a comfortable linear rate.
- In the unlikely event that any of the electronic or pneumatic systems fail, the ECM will automatically create a Safe State environment.
- The chambers come equipped with a 9 hour built-in battery backup system.



Convenience and Maneuverability

The chambers are specifically designed for convenience and maneuverability in clinical settings:

- Lighter weight and more compact than other chambers of comparable size while still accommodating larger patients.
- Transportable in most hospital freight elevators.
- Casters allow for easy movement by two attendants.
- Conveniently fit through standard 48-inch (121.92 cm) wide doorways.
- Easily moved within most hospital corridors and around hall corners.

Operator Friendly

The chambers are designed to be user friendly and easy to operate:

- For operational flexibility, the chambers may be ordered with the control panel located on either side of the chamber, allowing one attendant to conveniently access two facing control panels on adjacent chambers.
- Only one attendant is needed to operate the chambers.
- The electronic control panel is designed for simplicity of operation with easy-to-read mechanical and digital gauges in psi, kPA, mPA, or ATA pressure values.
- A counter to register the number of pressurization cycles is provided.
- Indicators to show gas supply are readily visible.
- The easily accessible flow meter allows for both monitoring and adjusting gas flow through the chambers.
- Ability to monitor internal chamber temperature in °C or °F.

Easy Installation

The chambers are easy to install in any clinical setting:

- All hookups are conveniently located at the back of the chambers.
- The necessary adapters and hoses for hookup are provided.
- Designed to maximize space utilization and require only minimal modification to an existing clinical treatment area.
- Installation is provided by manufacturer trained technicians.



Using specially designed ports and pass-throughs, these chambers are designed to provide patient support capabilities including air-break breathing systems. (As shown)



Models 3600ER (left) and 3600E allow one attendant to conveniently access two adjacent control panels. (also applies to 3300E/ER)



The optional Sechrist HBO TV system adds viewing and audio features to enhance patient comfort.