ETC is greater than the sum of its parts.

ETC offers a diverse product line including sterilizers, human centrifuges, ejection seat trainers, night vision trainers and disorientation trainers. The common thread across all ETC products is world-class technology and engineering.

ETC Aircrew Training Systems (ATS)
For over 43 years, ATS has provided clients in over 80 countries with simulation systems designed for high-G, SD, SA, aircraft egress, night vision, hypoxic environment, tactical aviation, avionics maintenance, helicopter flight and water survival training and research applications. (www.etcaircrewtraining.com)

ETC Sterilization Systems
Specializing in medium to large (30 to 6000 cu. ft.) EO and steam sterilizers, ETC Sterilization Systems serves the pharmaceutical, biotech, medical device and life sciences markets with unique design solutions for any challenge. (www.etcsterilization.com)

ETC Simulation
ETC Simulation’s flagship product is the Advanced Disaster Management Simulator (ADMS), a realistic, virtual emergency management simulation training system. (www.etcsimulation.com)

ETC Testing and Simulation Systems (TSS)
TSS has designed, manufactured and installed state-of-the-art environmental simulation systems for the automotive testing and HVAC industries since 1969. TSS offers the most customized equipment available for optimizing R&D, test and validation programs. (www.testingandsimulation.com)

ETC Subsidiaries
The NASTAR Center - USA
Established in 2007, the National AeroSpace Training and Research Center provides a comprehensive training and research facility to the military and commercial aerospace community. (www.nastarcenter.com)

ETC-PZL Aerospace Industries - Poland
This segment supports ETC USA with visual system R&D and provides its own line of specialty flight and train-driving simulation systems for government and commercial clients. (www.ai.com.pl)

ETC Europe - United Kingdom
Representing all ETC product lines to Europe.

ETC-IS - Turkey
Technical support for proposal preparation, prototype system development, planning, software development, reengineering and integration.

AMTI supplies student and instructor training programs tailored to customers’ individual needs. Training is offered off-site or in ETC’s comprehensive training facility. Sending pilots to AMTI is the most cost-effective way to maintain both force readiness and a lean budget. (www.aeromedicaltraining.com)
For over forty years, ETC has supplied the most advanced hyperbaric chambers to the clinical and dive market at home and abroad. Each chamber is designed to maximize safety and patient comfort, while being the most cost-effective because of its low oxygen consumption operation.

ETC’s multidisciplinary team of experts is dedicated to advancing hyperbaric oxygen therapy use in the clinical setting, reaffirming our commitment to deliver tomorrow’s hyperbaric solutions for the needs of today.

BARA-MED Select

- Capability to interface with electronic medical records (EMR)
- Full patient monitoring with standard connectors
- Gurney undercarriage storage
BARA-MED Select improves care and saves costs.

The BARA-MED Select is the first computer-driven HBOT chamber in the world.
The only automated system on the market, the BARA-MED Select liberates physicians from manually activating every step of the process. Hospitals save time and resources.

The O.S.C.A.R. computerized control system streamlines patient care.
Objective, auditable record of treatments | Tamperproof, hard copy treatment record
Improved overall recordkeeping accuracy | Medical record software interface

A record-setter for customer continuation rates.
The chamber’s exclusive SMOOTH RIDE technology cuts the incidence of barotrauma by 67 percent*, prompting more patients to finish treatment. SMOOTH RIDE creates a curvilinear compression protocol.

The industry leader for efficiency. Each chamber saves customers approximately $8000 per year in oxygen costs**.
The BARA-MED Select runs as efficiently as technologically possible, consuming 90 liters of oxygen per minute compared to 240 liters in competing chambers.

Remote online diagnostic capabilities reduce downtime.
Tune-ups and repairs occur online without transporting the chamber, reducing downtime to mere hours, compared to days with competing chambers.

SYSTEM FEATURES:
Gurney undercarriage storage optimizes workflow | SMOOTH RIDE curvilinear compression profile reduces the incidence of barotrauma by 67 percent | Passive pressure relief mattress safely treats wider patient profile | Greater patient internal volume | Scoop litter and effective rail placement optimizes internal chamber space | Saves operational costs year after year due to lower oxygen consumption (90–400 SLPM) | Patient capacity up to 700 pounds


**Based off the average cost of gas multiplied by the difference of the flow through rate of our competitors and our chambers.

Visit etcHyperbaricChambers.com/BaraMedSelect for more information.
The BARA-MED Select is equipped with a groundbreaking undercarriage storage area known as the gurney garage. This patent-pending device optimizes the treatment room, preserving extra floor space when the patient is in the chamber. The gurney is easy to store, effortlessly folding and lowering back to position while giving the technician ample room to work. The garage ensures a safe and efficient way to store the gurney.

Visit etcHyperbaricChambers.com/GurneyGarage for more information.
BARA-MED XD

A 34” diameter tube with all standard features, suitable to accommodate patients up to 700 lbs.

Includes the BARA•PRESS computerized control system;
- Objective, auditable record of treatments (even when not tied into an EMR system)
- Tamperproof, hard copy record document
- Improved overall recordkeeping accuracy
- Medical record software interface

SMOOTH RIDE curvilinear compression profile reduces all barotraumas by 67%
Greater patient internal volume

Passive pressure relief mattress, which safely treats wider patient profile
Scoop litter and effective rail placement optimizes internal chamber space
Ventilation rate of 90–400 SLPM reduces oxygen consumption

Did You Know?

An optimized chamber size coupled with intuitive design improves clinic efficiency and lowers operating costs.
BARA-MED

Provides all the advantages of the BARA-MED Select and the BARA-MED XD, but with a 30” tube that will accommodate a 500 lb patient weight limit.

Includes the BARAPRESS computerized control system;
- Objective, auditable record of treatments (even when not tied into an EMR system)
- Tamperproof, hard copy record document

- Improved overall recordkeeping accuracy
- Medical record software interface

SMOOTH RIDE curvilinear compression profile reduces all barotraumas by 67%
Greater patient internal volume

Passive pressure relief mattress, which safely treats wider patient profile
Scoop litter and effective rail placement optimizes internal chamber space
Ventilation rate of 90–400 SLPM reduces oxygen consumption

Visit etcHyperbaricChambers.com/BaraMed for more information.
Administration of the SMOOTH RIDE curvilinear compression protocol which:

- Reduces incidence of barotrauma by 67%
- Provides greatly improved patient comfort
- Increases likelihood of treatment continuation
- Produces an objective and auditable record of treatments
- Provides a tamperproof, hard copy record document of each treatment
- Improves overall recordkeeping accuracy
- Interfaces with your medical record software, regardless of type
- Eliminates need for operator dive time management and log keeping

BARA•PRESS
Since its introduction in 1987, BARA•PRESS has evolved with computer technology and is now in its 4th generation. ETC has more computer controlled monoplace chambers installed worldwide than all the competition.

What is the Difference Between O.S.C.A.R. and BARA•PRESS?

BARA•PRESS is the software that controls chamber operations. It is resident in all ETC chambers. O.S.C.A.R. is a package that consists of the BARA•PRESS software, and the hardware that it controls (the guts of the chamber). An O.S.C.A.R. system is a free-standing unit that can be connected to a conventional pneumatically controlled chamber and take over the operation of the chamber. In effect, the Select chamber utilizes O.S.C.A.R., but instead of putting the mechanical components in a stand-alone housing, those components are attached to the chamber itself.
TECH SPECS

BARA-MED Select

Maximum Operating Pressure ........................................ 3 ATA (29.4 psi)
Design Temperature.................................................. 0 to 100°F (-18 to 30°C)
Hospital Gas Supply Pressure ................................. 50 to 100 psi (3.52 to 7.03 kg/cm²)
Pressurization / Depressurization Rate ................. 0.5 to 5 psi/min
Ventilation Rate ...................................................... 90 to 400 SLPM
Emergency Exhaust Rate .................................. 29.4 psi to 1 ATA (in under 120 seconds)

Internal Diameter .................................................. 34 in (864 mm)
Internal Length ..................................................... 89 in (2261 mm)
Internal Volume ..................................................... 45.4 ft³ (1.28 m³)
Overall Width ...................................................... 41.625 in (1057 mm)
Overall Length ................................................... 107 in (2718 mm)
Overall Height ................................................... 69 in (1753 mm)
Maximum Recommended Patient Weight ............. 700 lbs (317.5 kg)
Gross Chamber Weight ......................................... 2,162 lbs (981 kg)

BARA-MED XD

Maximum Operating Pressure ........................................ 3 ATA (29.4 psi)
Design Temperature.................................................. 0 to 100°F (-18 to 30°C)
Hospital Gas Supply Pressure ................................. 50 to 100 psi (3.52 to 7.03 kg/cm²)
Pressurization / Depressurization Rate ................. 0.5 to 5 psi/min
Ventilation Rate ...................................................... 90 to 400 SLPM
Emergency Exhaust Rate .................................. 29.4 psi to 1 ATA (in under 120 seconds)

Internal Diameter .................................................. 34 in (864 mm)
Internal Length ..................................................... 89 in (2261 mm)
Internal Volume ..................................................... 45.4 ft³ (1.28 m³)
Overall Width ...................................................... 41.625 in (1057 mm)
Overall Length ................................................... 107 in (2718 mm)
Overall Height ................................................... 69 in (1753 mm)
Maximum Recommended Patient Weight ............. 700 lbs (317.5 kg)
Gross Chamber Weight ......................................... 1,900 lbs (863 kg)

BARA-MED

Maximum Operating Pressure ........................................ 3 ATA (29.4 psi)
Design Temperature.................................................. 0 to 100°F (-18 to 30°C)
Hospital Gas Supply Pressure ................................. 50 to 100 psi (3.52 to 7.03 kg/cm²)
Pressurization / Depressurization Rate ................. 0.5 to 5 psi/min
Ventilation Rate ...................................................... 90 to 400 SLPM
Emergency Exhaust Rate .................................. 29.4 psi to 1 ATA (in under 120 seconds)

Internal Diameter .................................................. 30 in (762 mm)
Internal Length ..................................................... 89 in (2261 mm)
Internal Volume ..................................................... 40 ft³ (1.13 m³)
Overall Width ...................................................... 41.625 in (1057 mm)
Overall Length ................................................... 97 in (2464 mm)
Overall Height ................................................... 63 in (1600 mm)
Maximum Recommended Patient Weight ............. 500 lbs (226.8 kg)
Gross Chamber Weight ......................................... 1,700 lbs (771 kg)

Codes and Compliances

US FDA 510 (k)  |  ASME PVHO-1 | ISO 13485  | NFPA 99  | ISO 9001 | IEC 60601-1-1 | IEC 60601-1-2 | Canada Medical Device No. 91149

HYPERBARIC CHAMBER SERVICE

ETC provides two comprehensive plans for preventive chamber maintenance and extended warranty work. In emergency situations, we guarantee response within 48 hours to most locations, domestic or international.

Value added programs, such as operator training, equips each client's personnel with the knowledge to perform most service procedures themselves. The curriculum encompasses topics on software, automated and manual chamber control modes, fire safety, installation, routine maintenance and troubleshooting.
What our customers are saying:

I would like to commend you on a fine product. Since the BARA-MED Select was installed and we began treating patients, [the chambers] have been well-received by the patients and our CHTs. They are easy to use and very intuitive from an operational standpoint. The CHTs are impressed with the in-depth training offered and the easy daily operation of the chambers. The controls are well-thought-out and easy to read, providing a clear visual.

Chuck Stroup, BS, ACHRN, Manager
Saint Joseph’s Hospital HBO/Wound Care/Neurodiagnostics and Sleep

We are extremely elated with the ETC chambers as they provide us with state-of-the-art hyperbaric treatment. The size of the chambers allows comfort to the patient as well as ease of operation for the staff. The convenience of storing the gurney below the chamber is an additional perk and a space saver. The computerized system makes operation of the chambers precise and convenient. We would highly recommend ETC.

Mario Markovic, MS, SM(ASCP)MT
Administrative Director of Laboratory Medicine and Pulmonary Services, St. Vincent Charity Medical Center

ETC has made a revolutionary contribution to hyperbaric medicine with SMOOTH RIDE compression protocol. Our incidence of patient ear discomfort has been significantly reduced.

Glenn Butler, Founder and CEO
Life Support Technologies group,
Foudning Member of the Certified Hyperbaric Technologist Credential, CHT #12 Member of The Undersea and Hyperbaric Medical Society Safety Committee
Why Choose ETC Hyperbaric Chambers?

Since introducing our first BARA-MED chamber in 1982, ETC has continually advanced the state of hyperbaric technology. Our systems manage chamber operations, providing secure and accurate documentation of treatment activity. Documents can be archived, printed or transmitted to electronic medical record systems.

Call us toll-free to set up a one-on-one consultation:

1-800-355-2200