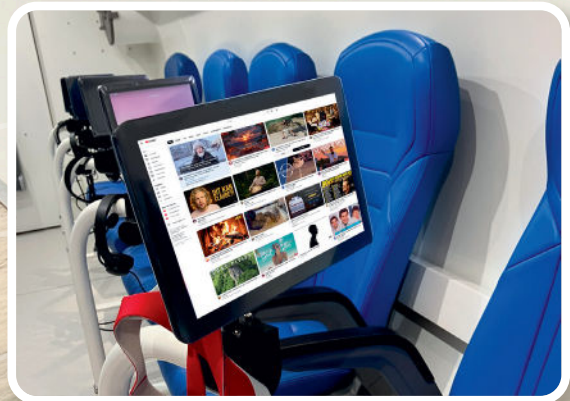


HYTECH-POMMEC



MEDICAL



HYPERBARIC OXYGEN THERAPY CHAMBERS (HBOT)



ADVANCED, RELIABLE SYSTEMS FOR MODERN CLINICAL CARE

Hyperbaric oxygen therapy requires a highly controlled, safe, and comfortable environment. Your clinical practice depends on equipment that supports efficiency, reliability, and seamless patient care. Our HYOT range of hyperbaric oxygen therapy chambers is designed to provide precisely that: robust medical systems that integrate effortlessly into daily clinical workflows.



YOUR PARTNER IN HYPERBARIC CARE

When you invest in hyperbaric technology, you want equipment that strengthens your clinical capabilities. That's why hospitals, specialists, and medical procurement teams choose Hytech-Pommec.

For over 40 years, we've focused solely on developing hyperbaric systems that make your work easier, safer, and more predictable.

Every HYOT chamber is built with medical teams in mind:

- **solid materials** that withstand intensive use
- **intuitive controls** your staff can learn quickly
- **performance** you can rely on day after day

Your workflows stay smooth. Training remains straightforward. Uptime stays high.

And because each system complies with the latest European medical device* and pressure-vessel standards—independently tested before delivery—you can trust that your patients and staff are protected at all times.

Hytech-Pommec gives you more than a chamber.

It gives you the confidence to deliver hyperbaric care without compromise.

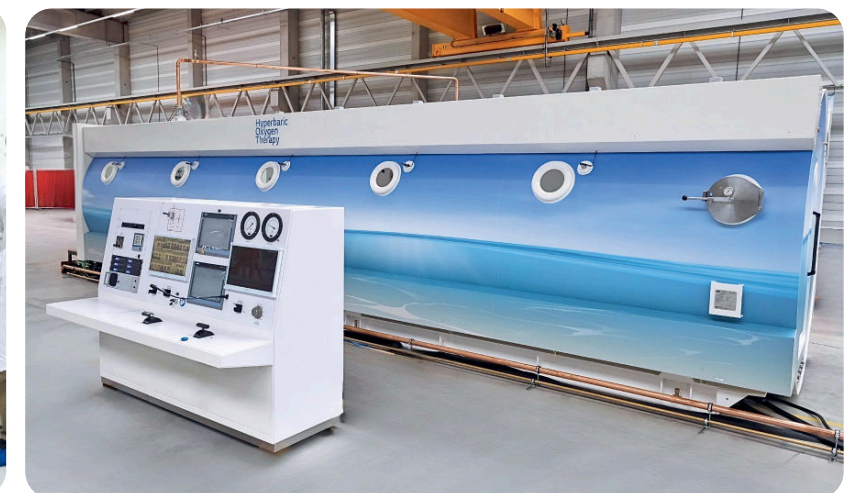
H.E.A.L.

- H** – High-pressure oxygen (treatment uses oxygen above normal atmospheric pressure)
- E** – Enhanced healing (stimulates body's natural repair, white blood cells, new vessels)
- A** – All-body reach (oxygen dissolves in plasma, fluids, CNS, bones, lymph, even where circulation is poor)
- L** – Low-risk therapy (simple, painless, noninvasive, used alone or with other treatments)

H.E.A.L. makes it simple to recall what HBOT does: delivers high-pressure oxygen to enhance healing throughout the body in a safe way.

*MDR Certification for medical devices is currently in progress. Completion is expected by the end of 2026.

** Courtesy of Ziv Medical Center.



“ WHEN
EVERY DETAIL
COUNTS, TRUST
A SYSTEM BUILT
TO PERFORM
UNDER
PRESSURE

CERTIFIED AND BUILT FOR MEDICAL ENVIRONMENTS

HYOT chambers are engineered to meet the highest standards of medical safety and performance. Each system is designed and manufactured in full accordance with the latest medical and pressure-vessel regulations, and every chamber undergoes independent notified body approval. This ensures that hospitals and clinics can rely on a system that is both clinically suitable and inherently safe for daily patient care.

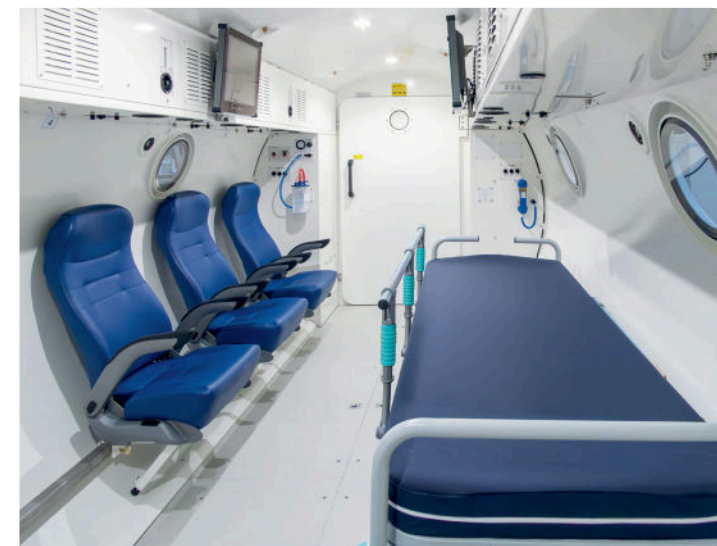
To create a controlled and dependable treatment environment, every component is selected with patient and staff safety in mind. The chambers feature stainless steel tubing for oxygen and breathing air (with no flexible hoses), halogen-free and non-toxic cabling, fire-retardant antibacterial seating materials and an integrated hyperbaric firefighting system. Multiple protective layers—such as emergency shut-offs, pressure-protection systems and clear alarm signalling—help ensure stable and safe operation under all clinical conditions.



Regulatory compliance:

- Medical Device Regulation (MDR) 2017/745*
- ISO 13485:2016 (Medical device quality management)
- EN14931 is pressure vessels for human occupancy (PVHO) - Multi-place pressure chamber systems for hyperbaric therapy - Performance, safety requirements and testing.
- Pressure Equipment Directive (PED) 2014/68/EU
- EN16081 for integrated hyperbaric firefighting systems

These standards, combined with our safety-driven design philosophy, support a high-quality, compliant and trusted environment for both patients and clinical teams.



WHY HEALTHCARE PROVIDERS CHOOSE HYTECH-POMMEC

- A proven track record – More than four decades of expertise
- Certified medical quality – Fully compliant systems*
- Safety you can rely on – Multilayer protection and carefully selected components
- Custom engineering – Chambers tailored to your clinical needs,
- Dependable service and support – Skilled technicians, fast response times and long-term maintenance
- One trusted partner – From design to installation, training and aftercare

*MDR Certification for medical devices is currently in progress. Completion is expected by the end of 2026.





**COMPLETE
MEDICAL
SOLUTIONS
FOR THE NEXT
GENERATION
OF MEDICAL
PROJECTS**



STANDARDISED HBOT CHAMBER RANGE

Hytech-Pommec has developed a modular standardised range of HBOT chambers, called HYOT. The modular HYOT range offers capacities from small clinical units to high volume hospital installations. These models have a well established track record, short delivery times, and excellent scalability. Interiors can be tailored with stretchers, wheelchairs, or mixed seating.



QUALITY YOU CAN RELY ON

Standardised HBO-T HYOT Chamber:

- 4 to 20 occupants in the main chamber
- Additional 2 person entrance lock on each model
- Internal diameters of from 2,000 to 3,000 mm
- Low inhalation and exhalation resistance breathing systems
- Choice of oral/nasal masks or free flow hoods
- Ergonomic seating with foldable armrests and integrated headrests, biologically safe and fire retardant
- Wheelchair accessible interiors and removable seats
- Rectangular door suitable for stretchers and ICU beds
- Individual patient controls for lighting and entertainment and optionally also for communication

**STANDARDISED BY DESIGN.
TRUSTED IN CLINICAL
PRACTICE WORLDWIDE.**

**TRIPLE LOCK
CONFIGURED
BY YOU -
OPTIMISED FOR
A SMARTER
PATIENT FLOW**

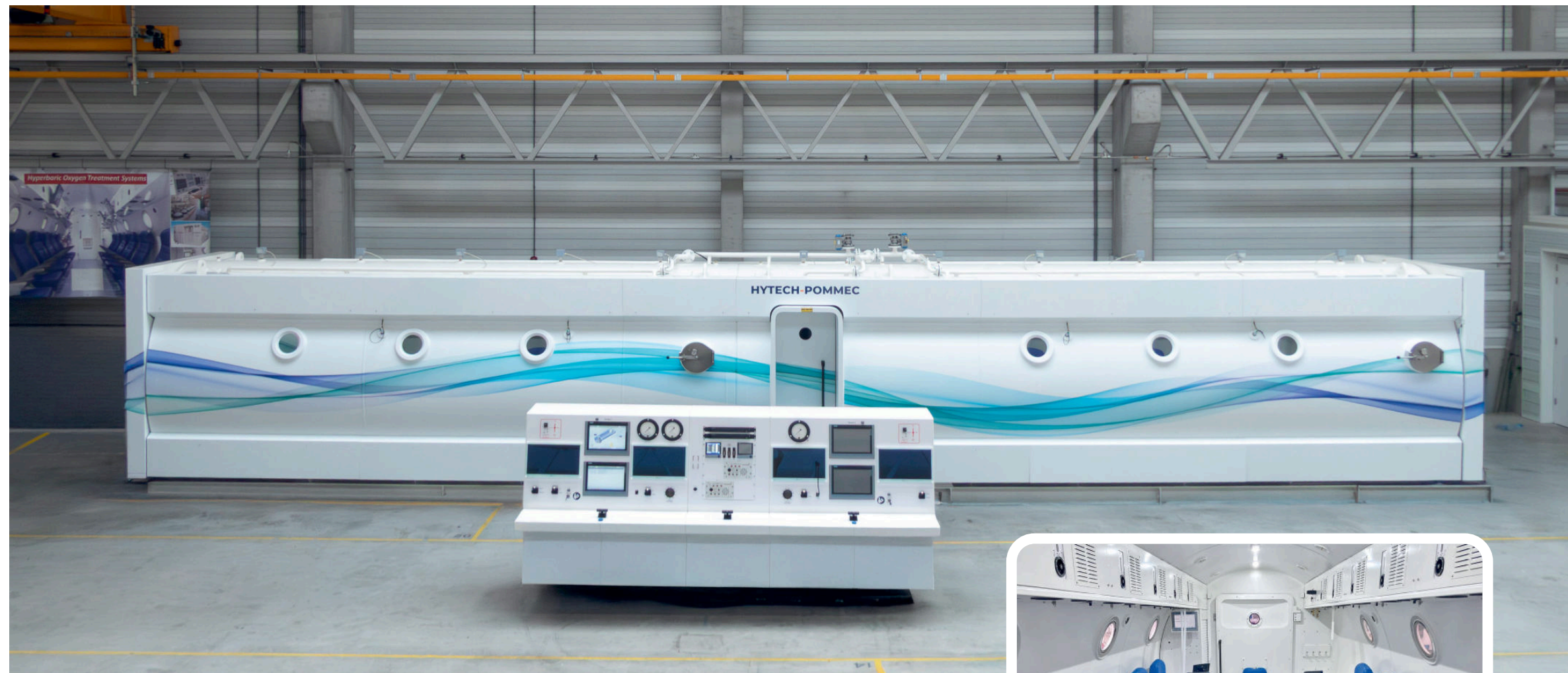
STANDARDISED HYOT TRIPLE LOCK CHAMBER

For clinics that require flexibility and continuous patient flow, the triple lock configuration offers three separate compartments: two treatment rooms and one entrance lock. You can put together your own triplelock. For example, you can choose from 4-2-4 up to 20-2-20, and even asymmetrical like 12-2-20. The choice is yours as to what works best for your purpose.

Benefits of the triple compartment system:

- 2 treatment compartments from 4-20 persons per compartment combined with 1 entrance lock for 2 persons.
- Parallel or independent treatment sessions
- Increased daily patient throughput
- Beds, stretchers, or ergonomic seating options
- Full control from a single operational console

This layout supports both high acuity treatments and routine outpatient sessions.



INTELLIGENT CONTROL AND AUTOMATION

A streamlined clinical workflow is supported by automated pressurisation, monitoring, and data logging.

Control system highlights:

- Industrial grade PLC with manual override
- Pre programmed therapy profiles with custom options

- Touchscreen interface (internal and external)
- Integrated audio, video, and communication systems
- Graphic data logging and event recording
- Real time monitoring of chamber conditions

The interface ensures a clear overview during hyperbaric chamber operation and session monitoring.



SUPPORTING EQUIPMENT

Facilities can extend their hyperbaric installations with auxiliary equipment:

Air & Gas Supply

- Low pressure compressor systems with dryers and filtration (EN12021)
- High pressure compressor systems with backup cylinders (EN12021)
- Customised air buffer configurations

Thermal Management

- Hot water units and chilled water units for heat exchangers
- Solutions for locations without existing hospital hot/cold water supply

Hyperbaric-Compatible Medical Devices

- Hyperbaric ventilators (up to 60 m depth)
- Monitoring equipment
- Infusion pumps
- Suction systems

Optional Features

- Entertainment systems with HDMI
- Hyperbaric tablets
- Patient stretcher systems
- Vacuum systems
- Additional air/oxygen supply points

LONG TERM SUPPORT AND SERVICE

Reliability of the chamber depends on preventive maintenance and fast assistance when needed.

Service offerings:

- Multi year maintenance programmes
- On site servicing and recertification

- Spare parts availability from stock
- Refurbishment of existing systems
- Customised Service Level Agreements
- Operator training

Support is available worldwide, ensuring minimal downtime and consistent system performance.



HYTECH-POMMEC

DIVING, MEDICAL, TUNNELLING & LIFE SUPPORT SOLUTIONS

YOUR PARTNER IN HYPERBARIC TECHNOLOGY

High-quality hyperbaric care starts with the right technology – but it grows through partnership. Whether you are planning a new facility, expanding capacity, or upgrading an existing chamber, our team is ready to support you every step of the way.

What you can expect when working with us:

- Transparent project guidance
- Clear timelines and predictable delivery
- Certified technicians during installation and testing
- Training for operators staff
- Continuous support throughout the chamber's lifecycle

Your patients rely on you.
You can rely on us.

WE KEEP YOU BREATHING

“LET'S ADVANCE
HYPERBARIC CARE
TOGETHER



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Hytech-Pommec BV

Ramgatseweg 27 | 4941 VN Raamsdonksveer | The Netherlands

hytech-pommec.com | sales@hytech-pommec.com | +31 85 792 43 00