



OXYTECH

OXYGENIX 1 | 2 | 4 | 6

Wellness Type Hyperbaric Chambers



OXYGENIX 1

Wellness type hyperbaric chamber, 1 seat



OXYGENIX 2

Wellness type hyperbaric chamber, 2 seats



OXYGENIX 4

Wellness type hyperbaric chamber, 4 seats



OXYGENIX 6

Wellness type hyperbaric chamber, 6 seats

Oxygenix 1, 2, 4 and 6 are sitting type, wellness hyperbaric chambers with an aluminum body, a separable modular design and a BIBS oxygen breathing system, working at 2.0 or 2.4 ATA. This brochure presents the features common to all models, followed by the details specific to each model.

2.0 / 2.4

ATA Working Pressure

Sitting

Type Chamber

Aluminum

Body

BIBS

Oxygen Breathing System

ABOUT US

Engineering trust into every chamber

Oxytech designs and manufactures hyperbaric oxygen chambers from a fully integrated production facility in İzmit-Kocaeli, Türkiye — combining precision engineering heritage with dedicated hyperbaric expertise.



A precision manufacturing heritage, focused on hyperbaric excellence

Our production facility has been engineering precision components for demanding industrial applications for over three decades — building deep expertise in steel construction, precision machining and certified welded fabrication.

Since 2008, we've channeled that engineering heritage into a dedicated focus: hyperbaric oxygen chambers. Today, Oxytech designs, welds, machines and assembles every chamber in-house — serving wellness centers, hospitals, diving operations and veterinary clinics both domestically and internationally.

We also work as a contract manufacturer for hyperbaric chamber companies around the world — producing to your own designs at competitive prices, with a high-quality, on-time delivery philosophy.

Every stage, under one roof

From raw material to finished chamber — design, machining, welding and assembly are fully integrated within our own facility.



Precision Machining

CNC gantry (bridge-type) machining centers, vertical machining centers, turning centers, vertical turning lathes and horizontal boring mills — manufacturing both small precision components and large pressure vessel parts weighing several tons.



Certified Welding

Aluminum & steel TIG (GTAW) and MIG/MAG (GMAW) welding by certified welders, verified through radiographic, ultrasonic, dye penetrant, magnetic particle and visual testing.



CAD/CAM Engineering

Every chamber is modeled and simulated using AutoCAD Inventor, Intergraph PV Elite and ANSYS CFD/Design Modeler — maximizing precision before a single weld is made.

THE OXYGENIX RANGE

Four models, one platform



OXYGENIX 1

Wellness type chamber, 1 seat, 2.0 / 2.4 ATA

Width x Length

1550 x 2000 mm

Total weight

700 kg

Electricity

8 kW, 220 V

Height 1850 mm | Diameter 1700 mm | Aluminum body | BIBS oxygen system



OXYGENIX 2

Wellness type chamber, 2 seats, 2.0 / 2.4 ATA

Width x Length

2000 x 2200 mm

Total weight

1200 kg

Electricity

13.5 kW, 220 V

Height 1850 mm | Diameter 1700 mm | Aluminum body | BIBS oxygen system



OXYGENIX 4

Wellness type chamber, 4 seats, 2.0 / 2.4 ATA

Width x Length

3000 x 2200 mm

Total weight

2400 kg

Electricity

25 kW, 220 or 380 V

Height 1850 mm | Diameter 1700 mm | Aluminum body | BIBS oxygen system



OXYGENIX 6

Wellness type chamber, 6 seats, 2.0 / 2.4 ATA

Width x Length

3650 x 2200 mm

Total weight

3000 kg

Electricity

35 kW, 220 or 380 V

Height 1850 mm | Diameter 1700 mm | Aluminum body | BIBS oxygen system

FEATURES COMMON TO ALL MODELS

Comfort & Breathing



Spacious interior with luxury leather upholstery and comfortable recline seating (Oxygenix 1 left, Oxygenix 2 right).

Spacious Interior, Luxury Comfort

- Wide interior volume
- Comfortable luxury recline seats
- Luxury leather upholstery
- Inner and outer control panels
- Intercom and TV



Multi-seat interior with luxury leather seats and an inner control panel (Oxygenix 4 and 6).

Seating for Groups

- Up to 4 or 6 luxury seats
- Inner and outer control panels
- Pressure, temperature, humidity and O₂ sensors



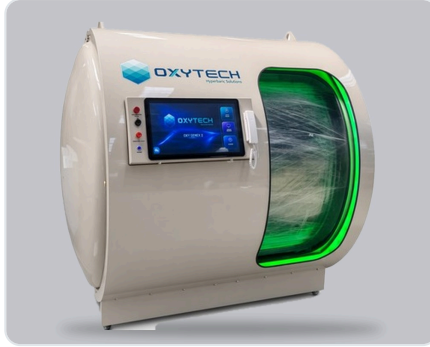
Specially designed BIBS regulator and masks for comfortable breathing of 100% oxygen.

BIBS Oxygen Breathing System

- Specially designed BIBS regulator
- Comfortable masks for breathing 100% oxygen
- One BIBS mask per occupant
- Oxygen and air piping, valves

FEATURES COMMON TO ALL MODELS

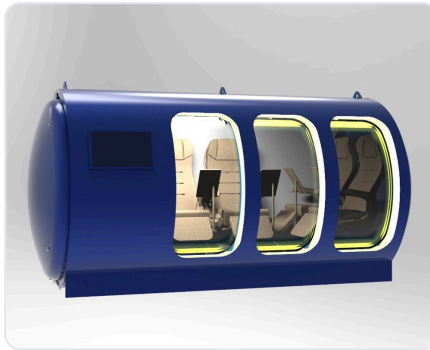
Access, Windows & Design



Wide Acrylic Sliding Door

- Wide entry door made of acrylic
- Slides smoothly to the left and right
- Acrylic door sliding and locking system

Wide entry door made of acrylic that slides left and right (Oxygenix 1 left, Oxygenix 2 right).



Panoramic Acrylic Windows

- Panoramic acrylic windows
- Bright, open view for every occupant
- LED illumination

Panoramic acrylic windows on the multi-seat models (Oxygenix 6 left, Oxygenix 4 design render right).

Equipment & Custom Design



Oxygen concentrators, compressors and BIBS masks matched to the number of occupants.



The chamber interior can be designed exactly as you wish.

Body & LED Color Options



Oxygenix 1: black body, red LED



Oxygenix 2: white body, white LED



Oxygenix 4: blue body, green LED



Oxygenix 6: orange body

COMMON SPECIFICATIONS

Features, Certification & Equipment

Chamber Features (All Models)

- Sitting type chamber
- 2.0 or 2.4 ATA working pressure
- Aluminum body
- Separable modular design
- BIBS oxygen breathing system
- Luxury recline seats
- Intercom and TV
- Oxygen and air piping, valves
- Acrylic door sliding and locking system
- LED illumination
- Interior leather upholstery
- Skirt molding package
- Outer cover
- Step for easy entry into the chamber

Certificates (All Models)

- Weld certificates
- Non-destructive tests
- Hydrostatic test
- Pressure vessel certificate (2014/68/EU or ASME Section 8, Division 1)

Common Dimensions

Height Diameter
1850 mm **1700 mm**

Width and length differ by model (see below).

Equipment Supplied with the Chamber (All Models)

- Oil-free compressors, 350 LPM each
- Oxygen concentrators, 20 LPM each; 93% ± 3% O₂ purity
- Cooling system (chillers & radiators)
- Automation software and hardware: special software; outer and inner control panels & screens; pressure, temperature, humidity and O₂ sensors

Differences at a Glance

Specification	OXYGENIX 1	OXYGENIX 2	OXYGENIX 4	OXYGENIX 6
Seats / BIBS masks	1	2	4	6
Oil-free compressors (350 LPM)	1 piece	2 pieces	3 units	4 units
Oxygen concentrators (20 LPM)	1 piece	2 pieces	4 units	6 units
Width	1550 mm	2000 mm	3000 mm	3650 mm
Length	2000 mm	2200 mm	2200 mm	2200 mm
Chamber weight	550 kg	700 kg	1350 kg	1500 kg
Total weight	700 kg	1200 kg	2400 kg	3000 kg
Electricity requirement	8 kW 220 V, 50 Hz	13.5 kW 220 V, 50 Hz	25 kW 220 or 380 V, 50 Hz	35 kW 220 or 380 V, 50 Hz

MODEL-SPECIFIC DETAILS

OXYGENIX 1



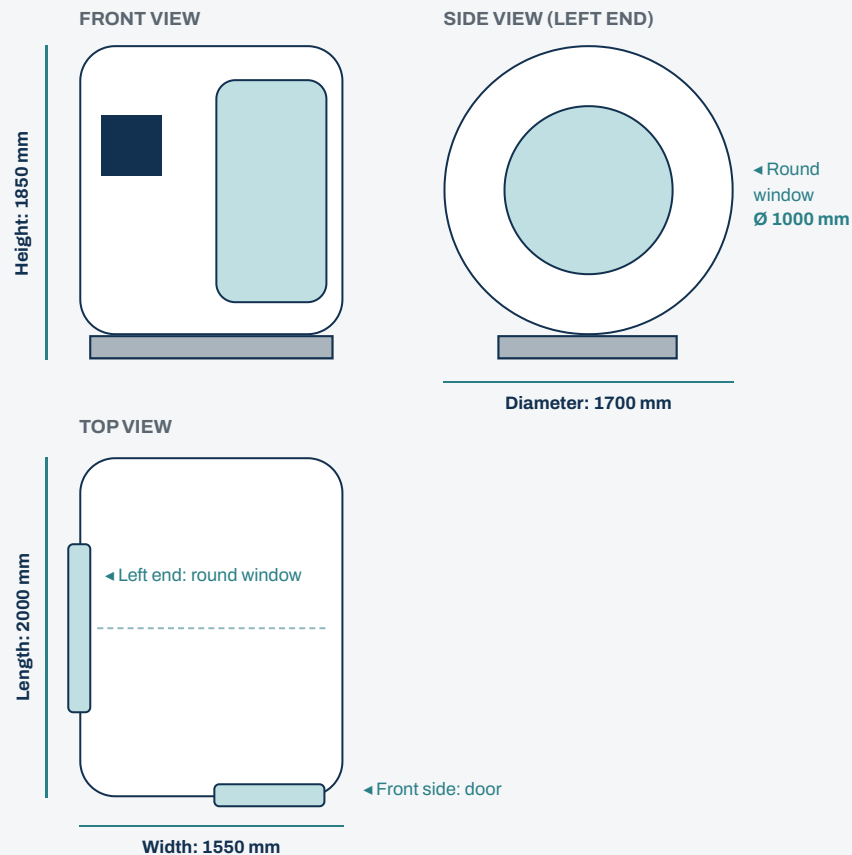
Oxygenix 1 in white finish with sliding acrylic entry door and touch-screen control panel.

Specific to Oxygenix 1

- 1 x Oil-free compressor, 350 LPM
- 1 x Oxygen concentrator, 20 LPM;
93% $\pm$ 3% O₂ purity
- 1 seat with 1 BIBS mask

Chamber weight	550 kg
Total weight	700 kg
Electricity requirement	8 kW, 220 V, 50 Hz

Dimensions



PACKAGING **Wooden case 1:** 210 × 180 × 210 cm, 1175 kg | **Wooden case 2:** 110 × 180 × 210 cm, 275 kg

MODEL-SPECIFIC DETAILS

OXYGENIX 2



Oxygenix 2 in black finish with red LED illumination, red leather interior and touch-screen control panel.

Specific to Oxygenix 2

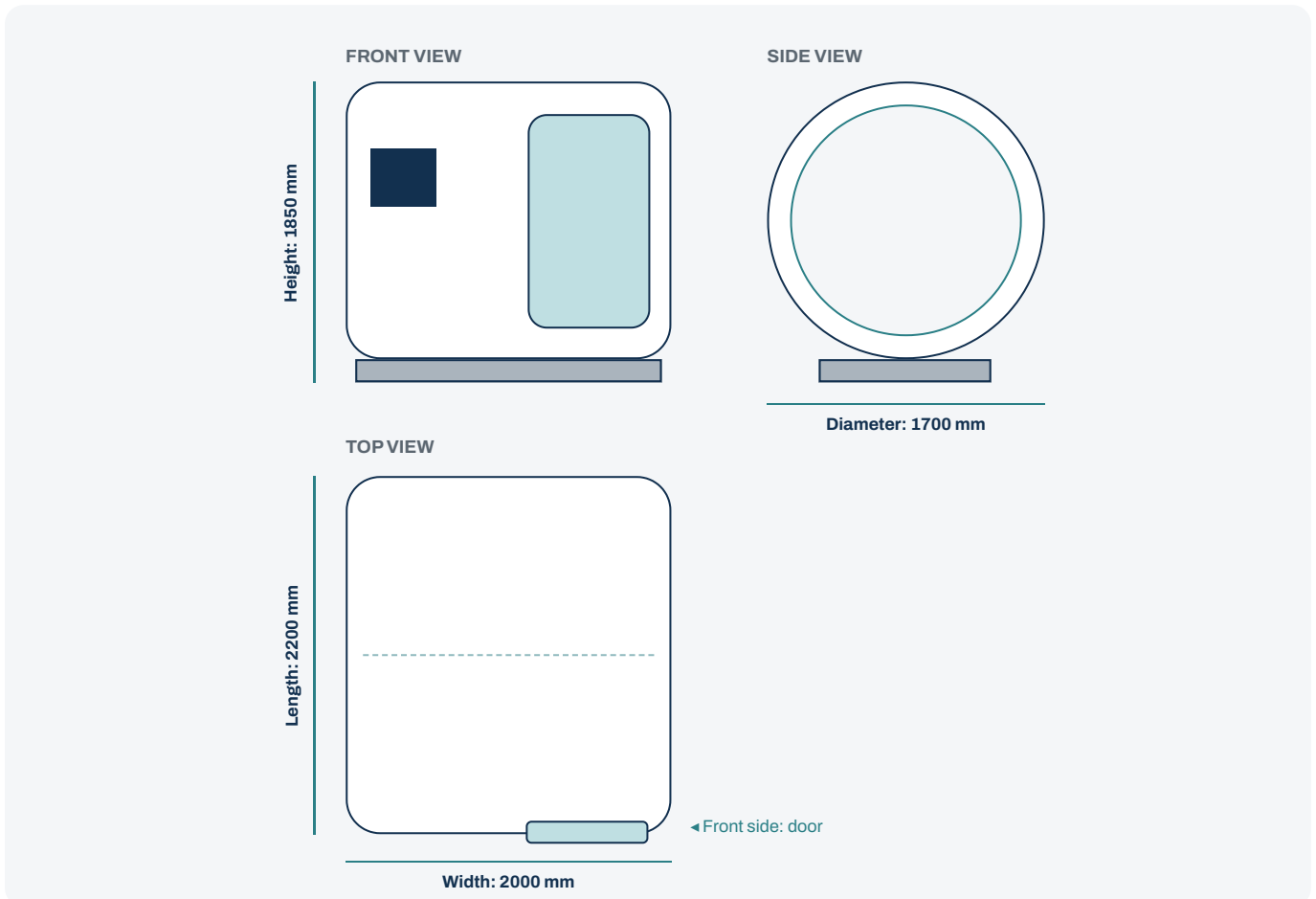
- 2 x Oil-free compressors, 350 LPM
- 2 x Oxygen concentrators, 20 LPM; 93% $\pm$ 3% O₂ purity
- 2 seats with 2 BIBS masks

Chamber weight **700 kg**

Total weight **1200 kg**

Electricity requirement **13.5 kW, 220 V, 50 Hz**

Dimensions



PACKAGING Wooden case 1: 230 × 235 × 220 cm, 1530 kg | Wooden case 2: 135 × 155 × 140 cm, 520 kg

MODEL-SPECIFIC DETAILS

OXYGENIX 4



Oxygenix 4 in blue finish with panoramic acrylic windows, green LED illumination and touch-screen control panel.

Specific to Oxygenix 4

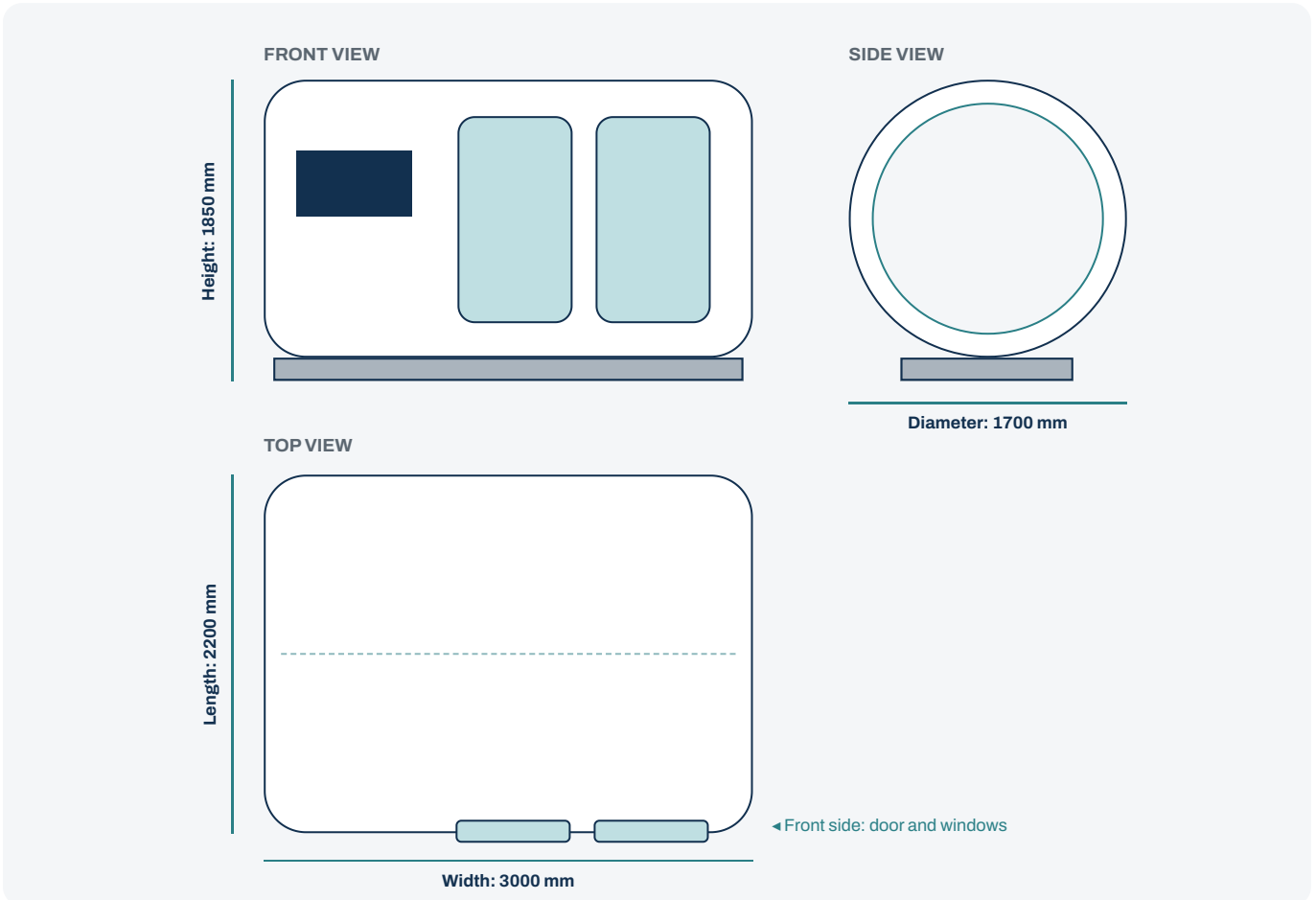
- 3 x Oil-free compressors, 350 LPM
- 4 x Oxygen concentrators, 20 LPM; 93% $\pm$ 3% O₂ purity
- 2 x Chiller-cooler units
- 4 seats with 4 BIBS masks

Chamber weight **1350 kg**

Total weight **2400 kg**

Electricity **25 kW, 220 or 380 V, 50 Hz**

Dimensions



MODEL-SPECIFIC DETAILS

OXYGENIX 6



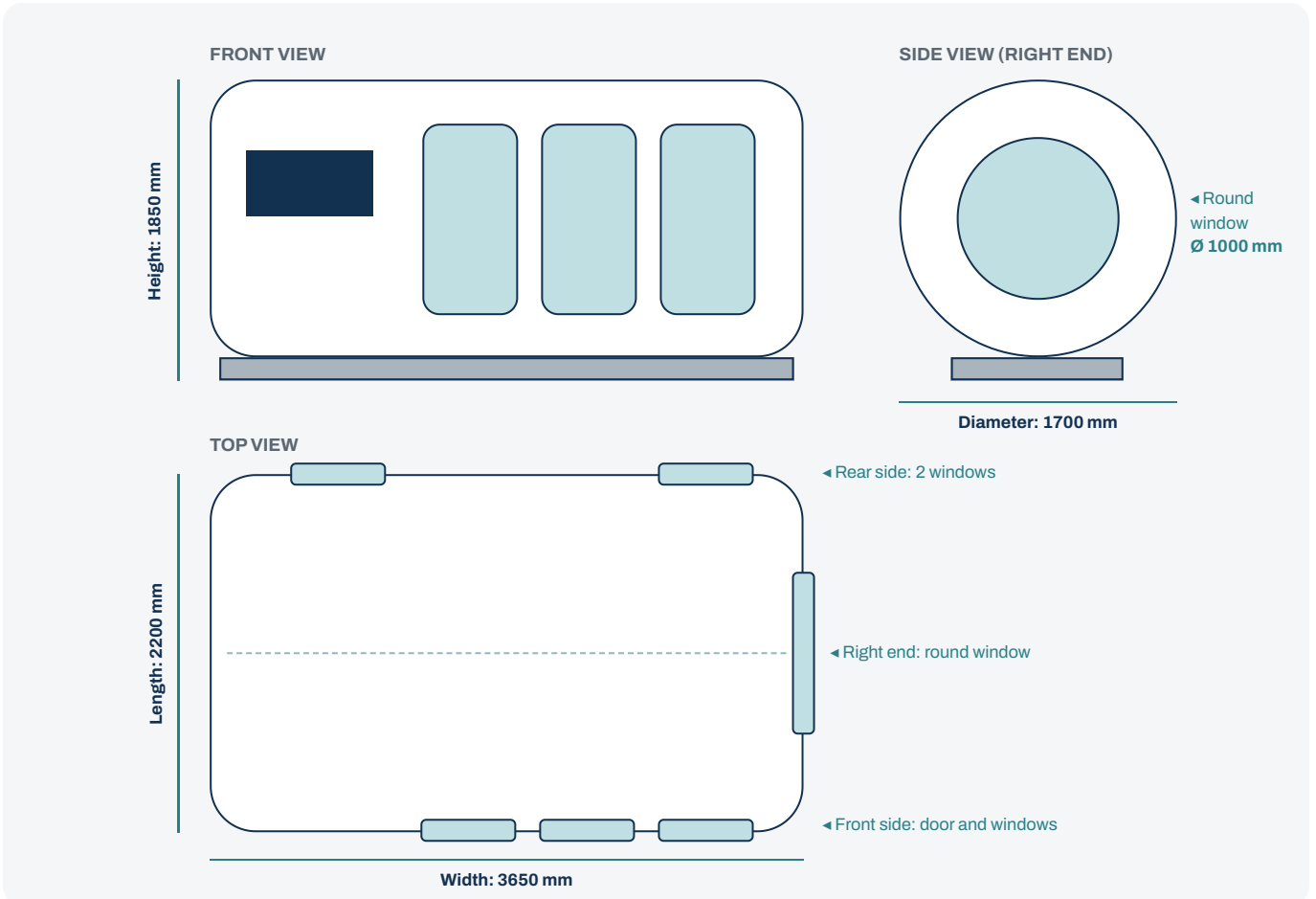
Oxygenix 6 in orange finish with three panoramic acrylic windows and touch-screen control panel.

Specific to Oxygenix 6

- 4 x Oil-free compressors, 350 LPM
- 6 x Oxygen concentrators, 20 LPM; 93% $\pm$ 3% O₂ purity
- 2 x Chiller-cooler units
- 6 seats with 6 BIBS masks

Chamber weight	1500 kg
Total weight	3000 kg
Electricity	35 kW, 220 or 380 V, 50 Hz

Dimensions



ECONOMICAL MODELS

ECO Models

A monoblock, single-piece welded body — an economical solution for customers who have a large area to place the chamber.



ECO version with monoblock welded body, a single wide acrylic door and an outer control panel (design render).

Reference model: Oxygenix 2 ECO

Body	Steel, monoblock
Height	1800 mm
Internal diameter	1660 mm
Overall length	2150 mm
Weight	450 kg
Seats / BIBS masks	2 / 2
Compressors	2 x oil-free
O ₂ concentrators	2 x, 93% purity
Certification	CE per 2014/68/EU

What makes ECO different

- 1 Monoblock design**
 Single-piece welded body, not separable. Economical choice when the installation area is large.
- 2 Outer cover is optional**
 The outer cover part can be left out on request.
- 3 No LED illumination**
 LED lighting is not included in the ECO version.
- 4 Standard seats**
 To reduce cost, standard seat models can be selected.
- 5 Inner control panel is optional**
 The inner control panel can be cancelled on request.
- 6 Leather interior is optional**
 Leather interior upholstery can be omitted on request.
- 7 Fewer acrylic windows**
 On Oxygenix 4 and Oxygenix 6, the number of acrylic windows can be reduced.

MEDICAL DEVICE CERTIFIED MODELS

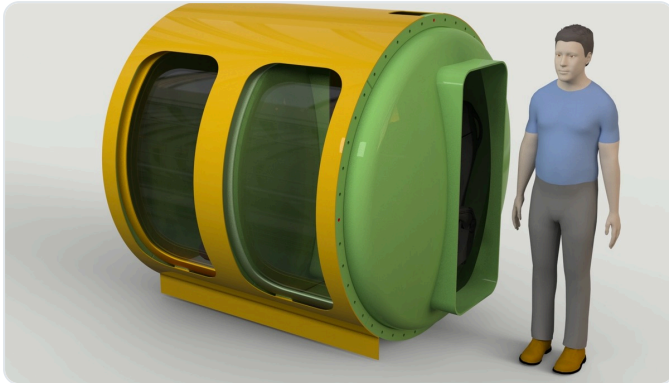
Coral 1+1 | Coral 2+1

Coral 1+1 and Coral 2+1 are two-compartment hyperbaric chambers certified as **medical devices**, designed for clinical use where treatment must continue without interruption.



- 1 **CE-certified medical device**
CE certificate as a medical device in accordance with Directive 93/42/EEC (MDD).
- 2 **Two-compartment design: entrance and main**
During treatment, the doctor can enter from outside and reach the patient without depressurizing the chamber and without interrupting the treatment.
- 3 **Medical compartment**
Through the medical lock, medication, medical supplies or food can be passed into the chamber during treatment.

CORAL 1+1

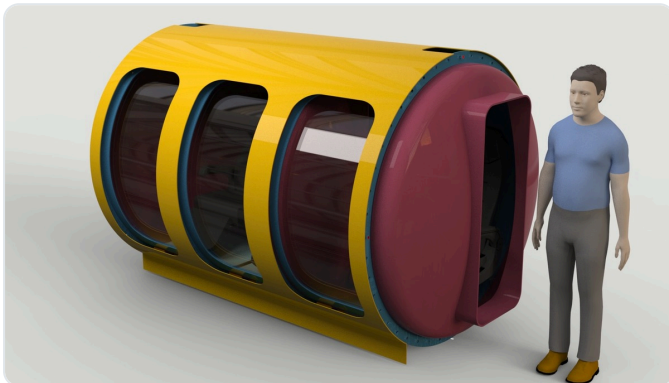


Coral 1+1 — exterior view with two viewing windows.

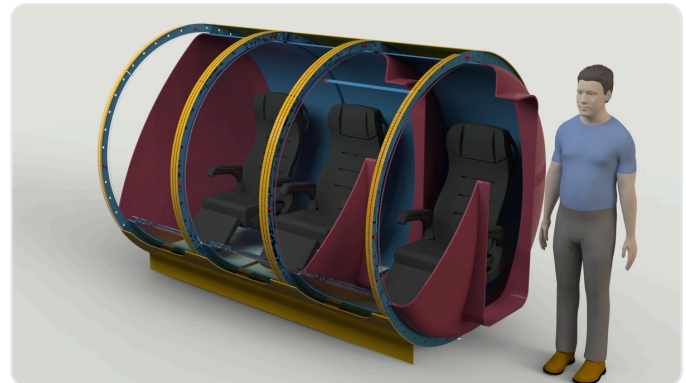


Coral 1+1 — cutaway showing the two compartments and seating.

CORAL 2+1



Coral 2+1 — exterior view with three viewing windows.



Coral 2+1 — cutaway showing the two compartments and seating.

Images are computer-generated 3D models.

MEDICAL INFORMATION

About Hyperbaric Oxygen Therapy

Hyperbaric oxygen therapy (HBOT) takes place inside a sealed chamber at increased atmospheric pressure. The process helps the body absorb a greater amount of oxygen and transports it to the blood cells, blood plasma, cerebrospinal fluid and other body fluids. Sufficient oxygen in the affected tissues may promote healing and provide relief.

Breathing oxygen in a pressurized environment

Wound Healing & Surgical Recovery

- May reduce wound size, including chronic wounds
- May speed up the healing of chronic wounds
- May help reduce amputation risk
- Inhibits the growth of anaerobic bacteria
- Reduces edema and inflammation
- Increases oxygen supply to injured tissue
- Promotes fibroblast proliferation and collagen synthesis, decreasing fibrosis
- May reduce the incidence of infection and increase the tensile strength of healed tissue

Commonly Recognized Indications

- Diabetic foot ulcers
- Failed grafts and flaps
- Radiation tissue damage
- Sudden hearing loss
- Osteomyelitis
- Non-healing wounds
- Surgical wounds and complications
- Soft-tissue infections

Reimbursement and insurance coverage vary by country and insurer.

HBOT for Sudden Hearing Loss

1

Increases oxygen supply to the cochlea (inner ear)

2

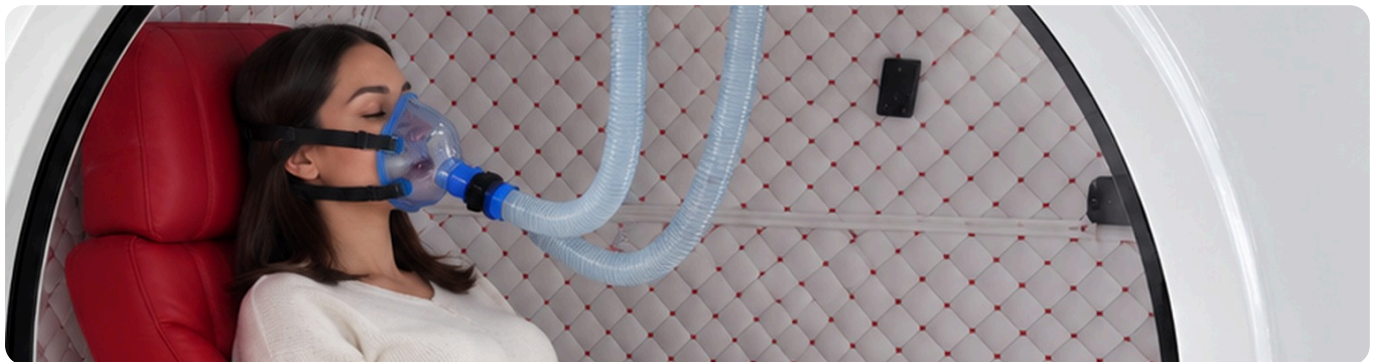
Increases blood flow to the inner ear

3

Reduces inflammation and swelling

4

Promotes nerve and tissue repair in the inner ear



Oxygen is breathed through a comfortable BIBS mask while seated in the chamber.

MEDICAL INFORMATION

Wellness & Further Applications

Areas of clinical interest and ongoing research. Results vary from person to person.

Women's Health

- May enhance memory and mood
- May stimulate neuroplasticity
- May support prefrontal cortex function
- May improve insulin sensitivity
- May decrease inflammation
- Supports adequate blood flow to the endometrium

Men's Health

- Cardiovascular health
- Mental health
- Erectile dysfunction
- Sports injury & recovery

Metabolic Health

- Blood sugar control: may help improve insulin sensitivity and glucose metabolism
- Inflammation: HBOT has anti-inflammatory effects, and chronic inflammation drives metabolic dysfunction
- Weight management: may support it by improving metabolic efficiency
- Energy production: may boost the efficiency of cellular energy production

Sports & Athletic Recovery

- Faster recovery
- Accelerated healing and injury recovery
- May support performance
- Reduced effects of elevated cytokines
- Decreased inflammation
- Improved mitochondrial function

Multiple Sclerosis

- Reduces inflammation
- Modulates the immune system
- May increase energy
- May reduce pain
- May reduce cognitive impairment
- May reduce spasticity

TBI & Concussions

- Reduces inflammation and swelling
- May reduce cognitive impairment
- Creates new blood vessels
- Stimulates stem cell mobilization
- Accelerates recovery and neurologic tissue regeneration

Long-COVID

- Decreases inflammation
- Improves immune system function
- Promotes stem cell mobilization
- Tissue regeneration: accelerated repair and recovery

Ulcerative Colitis

- Reduces inflammation
- Decreases swelling
- Increases oxygen levels
- Decreases pain
- Supports tissue healing

Cancer Care Support

- Can alleviate side effects of cancer treatments
- Helps minimize damage to healthy tissues
- Supports immune system function
- Addresses radiation tissue damage

IMPORTANT NOTE

This information is provided for general educational purposes only and does not constitute medical advice. Oxygenix chambers are wellness-type hyperbaric chambers. Statements about potential benefits describe areas of clinical interest and ongoing research; results vary between individuals and some applications are still under investigation. Hyperbaric sessions should be carried out in accordance with local regulations and under the guidance of a qualified healthcare professional.



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OXYGENIX 1



OXYGENIX 2



OXYGENIX 4



OXYGENIX 6