



OXYTECH

OXYGENIX 1

Wellness Type Hyperbaric Chamber



2.0 / 2.4

ATA Working Pressure

Sitting

Type Chamber

Aluminum

Body

BIBS

Oxygen Breathing System

COMFORT & CONTROL

Designed for Comfort and Ease of Use



Spacious interior with a comfortable recline seat and luxury leather upholstery, equipped with inner and outer control panels.

Spacious Interior, Luxury Comfort

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

BIBS Oxygen Breathing System

- Specially designed BIBS regulator
- Comfortable, ergonomic breathing masks
- Designed for breathing 100% oxygen with ease
- Oxygen and air piping, valves



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

ACCESS & AMBIANCE

Wide Entry, Elegant Atmosphere



Acrylic Sliding Door

- Wide entry door made of acrylic material
- Slides smoothly to the left and right
- Acrylic door sliding and locking system
- Step for easy entry into the chamber

Wide acrylic sliding door that glides left and right for easy, spacious entry.

Lighting & Finish

LED ILLUMINATION IN A CHOICE OF COLORS



Black body finish with red LED illumination and red interior upholstery.



Black body finish with turquoise LED illumination and a touch-screen control panel.

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

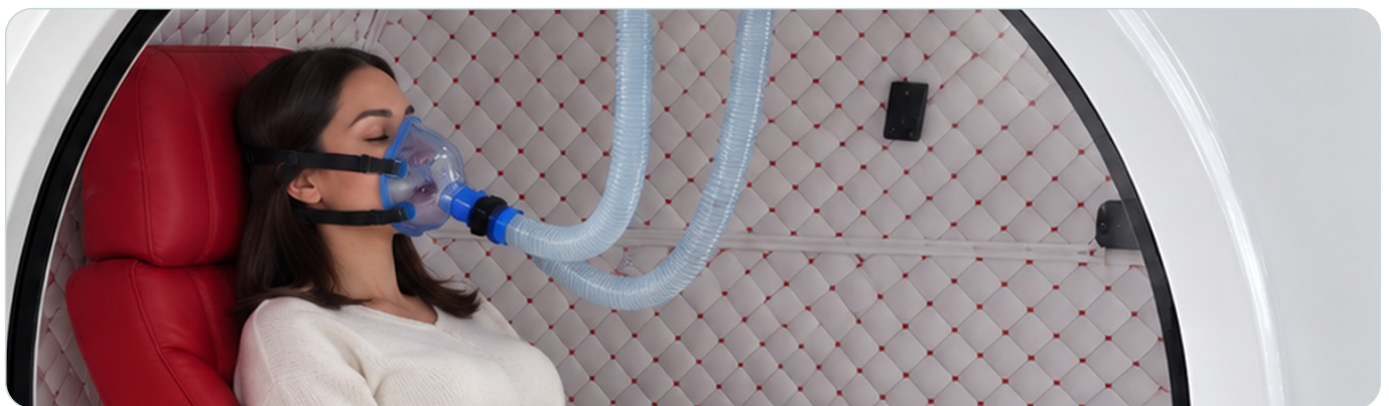
Increases blood flow to the inner ear

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 1 is a wellness-type hyperbaric chamber. 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.

TECHNICAL SPECIFICATIONS

Features, Certification & Equipment

Chamber Features

- Sitting type chamber
- 2.0 or 2.4 ATA working pressure
- Aluminum body
- Separable modular design
- BIBS oxygen breathing system
- Luxury recline seat
- 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

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

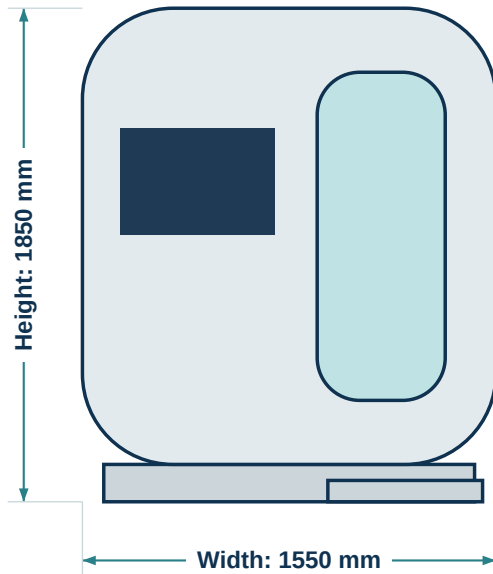
Supplied Equipment

- 1 x Oil-free compressor, 350 LPM
- 1 x Oxygen concentrator, 20 LPM; 93% $\pm$ 3% O₂ purity
- 1 x Cooling system (chillers & radiators)
- Automation software and hardware: special hyperbaric software; outer and inner control panels & screens; pressure, temperature, humidity and O₂ sensors

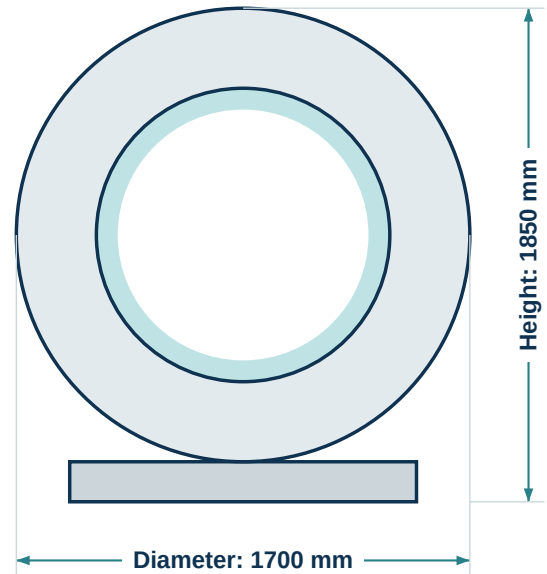
DIMENSIONS & LOGISTICS

Dimensions, Weight & Packaging

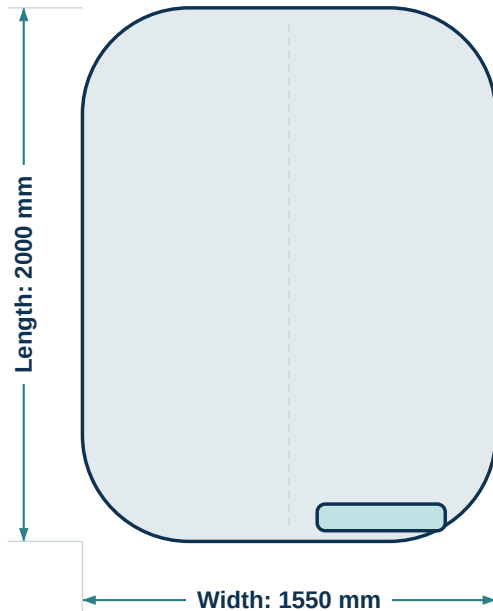
FRONT VIEW



SIDE VIEW



TOP VIEW



Specification	Value
Height	1850 mm
Diameter	1700 mm
Width	1550 mm
Length	2000 mm
Chamber weight	550 kg
Total weight	700 kg
Electricity requirement	8 kW, 220 V, 50 Hz

Schematic drawings. All dimensions in millimeters.

Packaging Details

Wooden Case 1

Dimensions	210 x 180 x 210 cm
Weight	1175 kg

Wooden Case 2

Dimensions	110 x 180 x 210 cm
Weight	275 kg



CONTACT

Get in touch with us

Mayer Metal Makina Company

ADDRESS Karadenizliler Mh. Akkol Sk. No: 24/1
Başiskele / Kocaeli / Turkey

EMAIL info@oxytech.com.tr

WEB www.oxytech.com.tr

