



OXYTECH

OXYVITA

Monoplace, Lying Type Hyperbaric Chambers



OXYVITA 1

Aluminum body, wellness



SEMI ACRYLIC

Steel body, medical CE option



FULL ACRYLIC

Steel body, medical CE option

Oxyvita chambers are lying type, monoplace hyperbaric chambers: Oxyvita 1 with an aluminum body and a large sliding acrylic door, and the medical Oxyvita Semi Acrylic and Full Acrylic models with a steel body and a large-diameter acrylic tube. This brochure presents each model in detail.

Monoplace

Lying Type Chamber

2.4 / 4.0

Max. ATA Working Pressure

Aluminum / Steel

Body

Medical CE

Option on Semi & Full Acrylic

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.



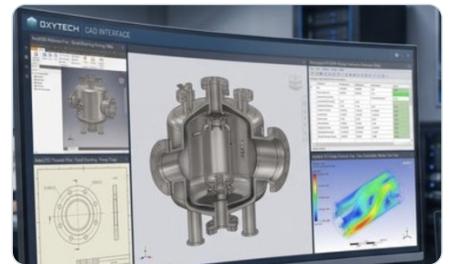
Precision Machining

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.

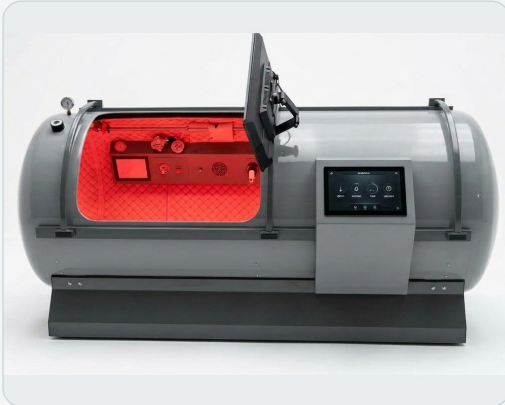


CAD/CAM Engineering

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 OXYVITA RANGE

Three models, one lying-type platform



OXYVITA 1

Aluminum body, wellness type, up to 2.4 ATA

Diameter	Length	Weight
Ø 900 mm	2350 mm	150 kg

Wellness chamber with large sliding acrylic door, mattress and pillow, TV and intercom.



OXYVITA SEMI ACRYLIC

Steel body, 1000 mm acrylic tube, up to 4.0 ATA

Diameter	Length	Weight
Ø 900 mm	2200 mm	1000 kg



Medical CE option: can be purchased with a medical device CE certificate.



OXYVITA FULL ACRYLIC

Steel body, 2000 mm acrylic tube, up to 4.0 ATA

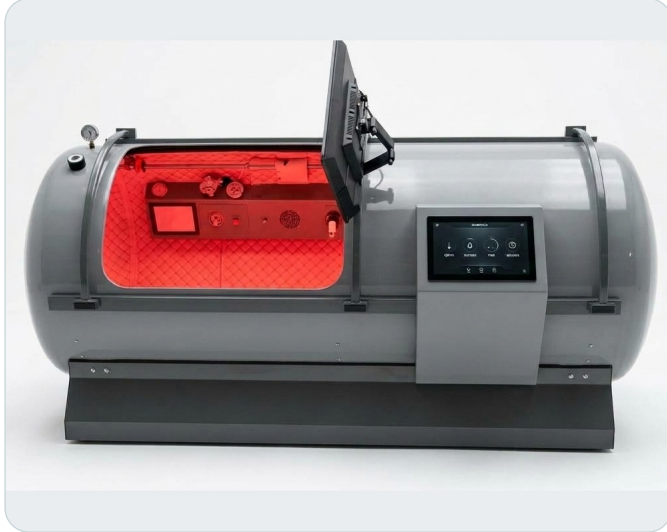
Diameter	Length	Weight
Ø 900 mm	2200 mm	1000 kg



Medical CE option: can be purchased with a medical device CE certificate.

MODEL-SPECIFIC DETAILS

OXYVITA 1



Oxyvita 1 lying-type chamber with inner control panel and monitor (design render).

Key specifications

Material	Aluminum
Diameter	900 mm
Length	2350 mm
Weight	150 kg
Working pressure	Up to 2.4 ATA
Certification	CE per 2014/68/EU

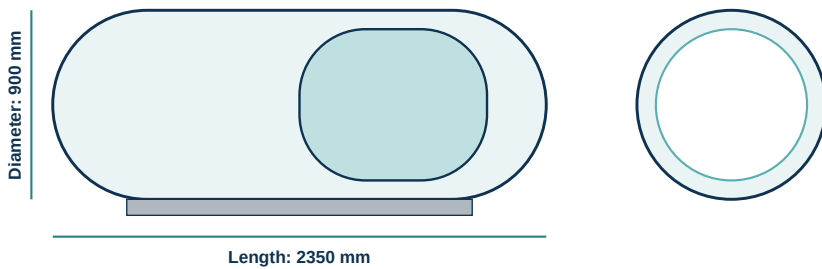
Features

- Intercom and television
- Oxygen and air piping, valves
- Large acrylic door with sliding system
- Door lock system
- LED illumination
- Interior leather upholstery, mattress, pillow
- BIBS mask for oxygen breathing
- Outer and inner control panels
- Fully automated hyperbaric software
- CE certificate per 2014/68/EU
- Oil-free air compressor
- Oxygen concentrator, 93% purity
- Air conditioner

Dimensions

SIDE VIEW

END VIEW



Lying position on a mattress with pillow, BIBS mask and inner control panel.

MODEL-SPECIFIC DETAILS · MEDICAL

OXYVITA SEMI ACRYLIC



MEDICAL DEVICE



Oxyvita Semi Acrylic with steel body, acrylic tube section and patient transfer stretcher.

Key specifications

Material	Steel
Diameter	900 mm
Total length	2200 mm
Weight	1000 kg
Acrylic tube length	1000 mm
Working pressure	Up to 4.0 ATA



Medical CE option

Can be purchased with a medical device CE certificate (Directive 93/42/EEC, MDD).

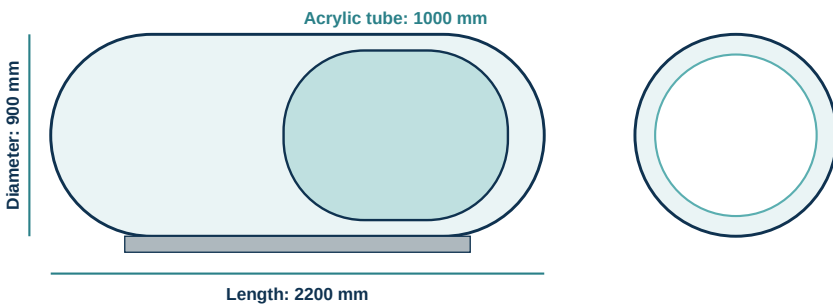
Features

- Patient communication system
- Television
- Oxygen and air piping, valves
- Large diameter (900 mm) acrylic tube
- Mattress, pillow
- Patient transfer stretcher
- BIBS mask for oxygen breathing
- Outer control panel
- Fully automated hyperbaric software
- CE certificate per 2014/68/EU
- EN 14931, ISO 13485, PVHO-1

Dimensions

SIDE VIEW

END VIEW



Patient lying on the transfer stretcher inside the acrylic tube.

MODEL-SPECIFIC DETAILS · MEDICAL

OXYVITA FULL ACRYLIC



Oxyvita Full Acrylic with a long, large-diameter acrylic tube and an outer control panel.

Key specifications

Material	Steel
Diameter	900 mm
Total length	2200 mm
Acrylic tube length	2000 mm
Weight	1000 kg
Working pressure	Up to 4.0 ATA
Certification	CE per 2014/68/EU



Medical CE option

Can be purchased with a medical device CE certificate (Directive 93/42/EEC, MDD).

Same features as Oxyvita Semi Acrylic, with a longer acrylic tube (2000 mm).

Features

- Patient communication system
- Television
- Oxygen and air piping, valves
- Large diameter (900 mm) acrylic tube, 2000 mm long
- Mattress, pillow
- Patient transfer stretcher
- BIBS mask for oxygen breathing
- Outer control panel
- Fully automated hyperbaric software
- CE certificate per 2014/68/EU
- EN 14931, ISO 13485, PVHO-1

Dimensions

SIDE VIEW

END VIEW

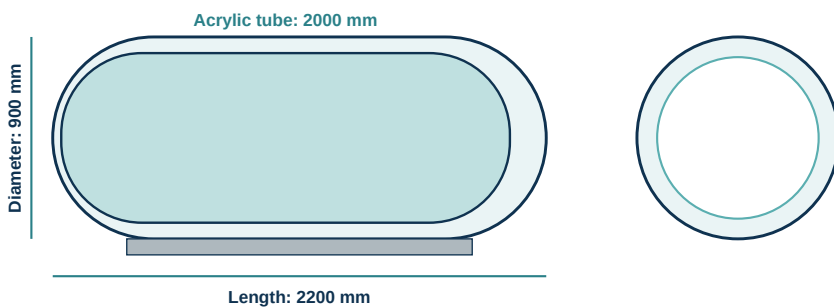


PHOTO GALLERY

Lying-Type Monoplace Chambers

Oxyvita 1



Lying position on a mattress with pillow, BIBS mask and inner control panel.



Lying-type monoplace chamber with a large acrylic viewing window and touch-screen control panel.

Oxyvita Semi Acrylic



Medical monoplace chamber with patient loading on the transfer stretcher.



Steel monoplace chamber with acrylic tube section and patient transfer stretcher.

Oxyvita Full Acrylic



Monoplace chamber with a full-length acrylic tube and operating console.



Full-length acrylic tube with patient transfer stretcher and monitoring.

SPECIFICATIONS

Oxyvita Models at a Glance

Common to all three models

- Monoplace, lying type chamber
- Fully automated hyperbaric software
- BIBS mask for oxygen breathing
- Oxygen and air piping, valves
- Mattress and pillow
- Television
- CE certificate per 2014/68/EU
- Large acrylic door / acrylic tube for patient access

Comparison

Specification	OXYVITA 1	SEMI ACRYLIC	FULL ACRYLIC
Body material	Aluminum	Steel	Steel
Diameter	900 mm	900 mm	900 mm
Length	2350 mm	2200 mm (total)	2200 mm (total)
Weight	150 kg	1000 kg	1000 kg
Max. working pressure	2.4 ATA	4.0 ATA	4.0 ATA
Acrylic tube length	-	1000 mm	2000 mm
Access	Sliding acrylic door	Acrylic tube	Acrylic tube
Patient transfer stretcher	-	Yes	Yes
Control panels	Outer and inner	Outer	Outer
LED illumination	Yes	-	-
Communication	Intercom	Patient communication	Patient communication
Standards	CE 2014/68/EU	+ EN 14931, ISO 13485, PVHO-1	+ EN 14931, ISO 13485, PVHO-1
Medical CE option	-	Available	Available



Medical CE option for Semi and Full Acrylic

Oxyvita Semi Acrylic and Full Acrylic can be purchased with a medical device CE certificate. Same as our Coral models: certified as a medical device in accordance with Directive 93/42/EEC (MDD).



OXYTECH

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OXYVITA 1



SEMI ACRYLIC



FULL ACRYLIC