Hyperbaric Oxygen Chamber

(Single Person Luxury 2ATA Cabin Style Hyperbaric Oxygen Chamber System)

Model: Rejuven CR1



Rejuven CR1: Luxurious interior and exterior finishes.

Rejuven R1(Rugged version): There is no frame decoration on the exterior. The external steel structure is completely exposed which is full of masculine atmosphere.

Rejuven R1+(Exquisite Version): The exterior structure is exquisitely decorated which is full of luxury.

Features:

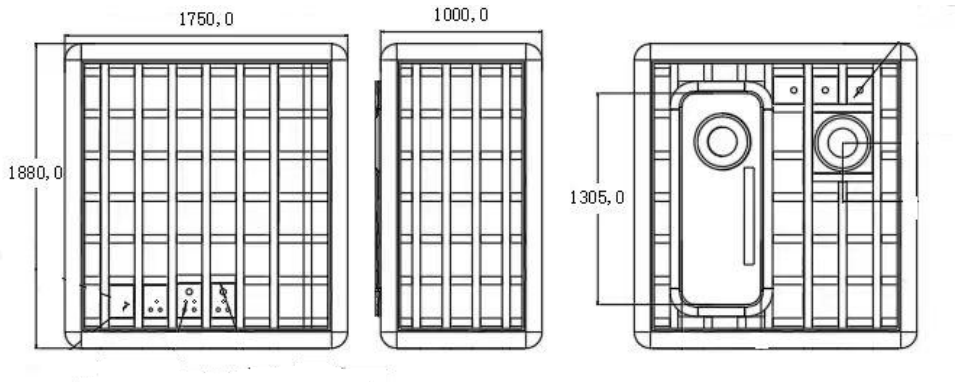
1. The square room design is easy to get in and out which is friendly for the elder or people with inconveniences。
2. The movable wheels at the bottom make it easy to move. The wheels are designed with safety locks for safe use.
3. The chamber uses special high-strength steel and scientific structural design, so it can withstand very high pressure.
4. The steel door can withstand high pressure requirements.
5. The door with clear windows and optional clear window on the chamber is friendly for claustrophobia.
6. Different materials of the decorative board are available to decorate the chamber body.
7. Extremely large and comfortable space for oxygen therapy.
8. The intelligent oxygen system can control the inside chamber pressure and oxygen concentration, monitor various real-time environmental parameters and provide maintenance information reminders, etc.
9. Dual control panels (on the oxygen concentrator and inside the chamber), the friendly UI interface is convenient for the users to control and view data.
10. High safety performance (Frame steel structure cabin, unlocked door design, three mechanical safety valves, Intelligent cabin pressure control and reminder)
11. It is easy to assemble the chamber and connect the oxygen concentrator. Low maintenance cost, only regular replacement of filter elements is required.
12. DR HUGO provides personalized customization services (product appearance/size, product parts, product functions, etc.) and we accept custom logo.
13. DR HUGO offers the optional equipment to improve the oxygen therapy experience such as water-cooled air conditioner, TV, massage chair and so on. DR HUGO

Specification:

About Cabin:

Index	**Content**
Model Name	CR1
Control System	In-cabin touch screen UI
Cabin Material	special high-strength steel + interior soft decoration
Door Material	special high-strength steel frame with high-strength PC windows Door size:1305mm(H)*490mm(W) Window size: Φ180mm
Decoration	External：High-end custom decorative panels Internal:Soft trim materials for luxury vehicles
Cabin size	1750mm(L)*1000mm(W)*1880mm(H)
Cabin configuration	As the list below
Diffuse oxygen concentration	≤35%
Working pressure in the cabin	Continuous pressure：200Kpa(2.0ATA) Max pressure:250Kpa(2.5ATA)

	Pressure adjustable
Working noise	＜30db
Temperature in the cabin	Ambient temperature +3°C (without air conditioner)
Safety Facilities	Manual safety valve, automatic safety valve
OEM/Customization	External:A wide range of shapes, colors, and decorative panels available. Internal: A wide range of accessories, elements, colors, and materials available.
Floor area	1.75 ㎡
Cabin weight	900kg
Floor pressure	515kg/㎡



Before decoration:



After decoration:















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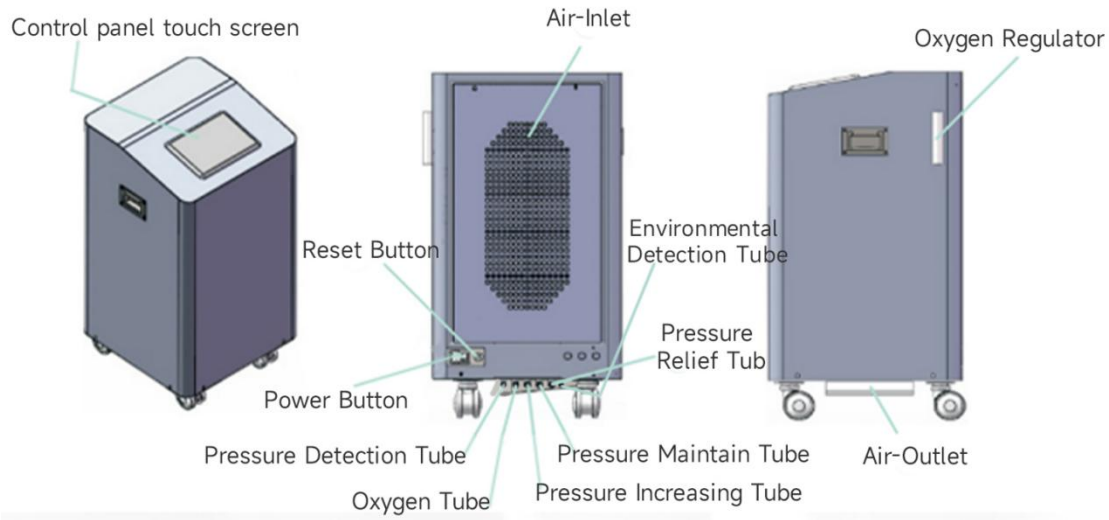
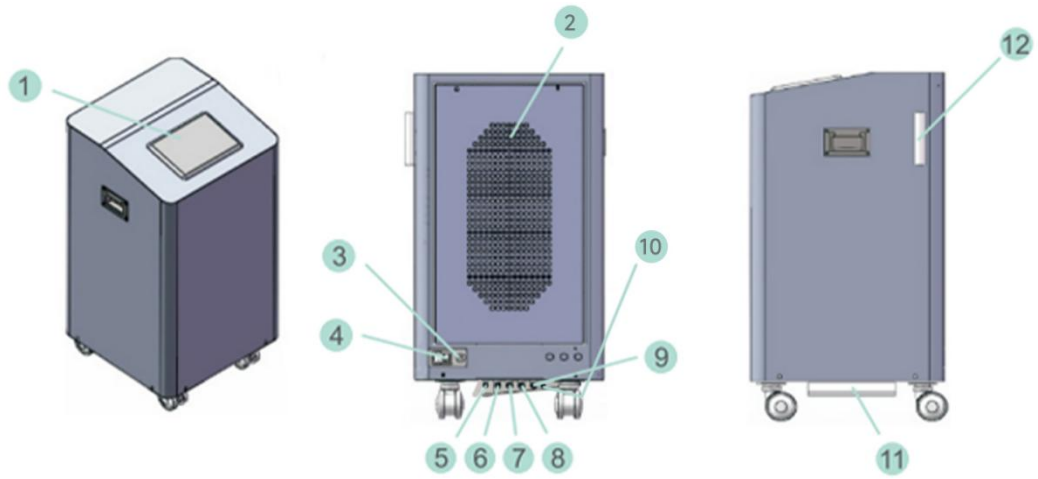
About Oxygen Supply System:

Model	uMR O8+
Size	H902.7*L520*W590mm
Control System	The cabin features dual 10.1-inch true-color touchscreens inside and outside, equipped with functions for detecting environmental pressure, gauge pressure, temperature, and humidity; rapid pressurization, normal pressurization, pure oxygen mode, manual depressurization, timer, pressure range selection (10-60 kPa), equipment maintenance, and self-testing.
UI and Logo	Customization support
Power Supply	AC 100V-240V 50/60Hz
Power	1100W
Rapid inflation flow rate	220L/min (at 1 ATA ambient pressure)
Pressure holding inflation flow rate	100L/min (at 1 ATA ambient pressure)
Oxygen output flow rate	⩾15L/min in pure oxygen mode
Oxygen output pressure	120KPA(2.2ATA) Pressure adjustable
Oxygen Purity	90%
Pressure booster pipe interface outer	diameter/inner diameter: 12mm/8mm (quantity 2)
Pressure relief pipe interface outer	diameter/inner diameter: 12mm/8mm (quantity 1)
Oxygen output pipe interface outer	diameter/inner diameter: 8mm/5mm (quantity 1)
Environmental sensor interface outer	diameter/inner diameter: 8mm/5mm (quantity 1)
Pressure sensing tube interface outer	diameter/inner diameter: 8mm/5mm (quantity 1)
Diffuse oxygen concentration	<35%
Oxygen system	air filter (PSA)
Compressor	Oil-free compressor air delivery system
Noise	≤45db

Appearance:

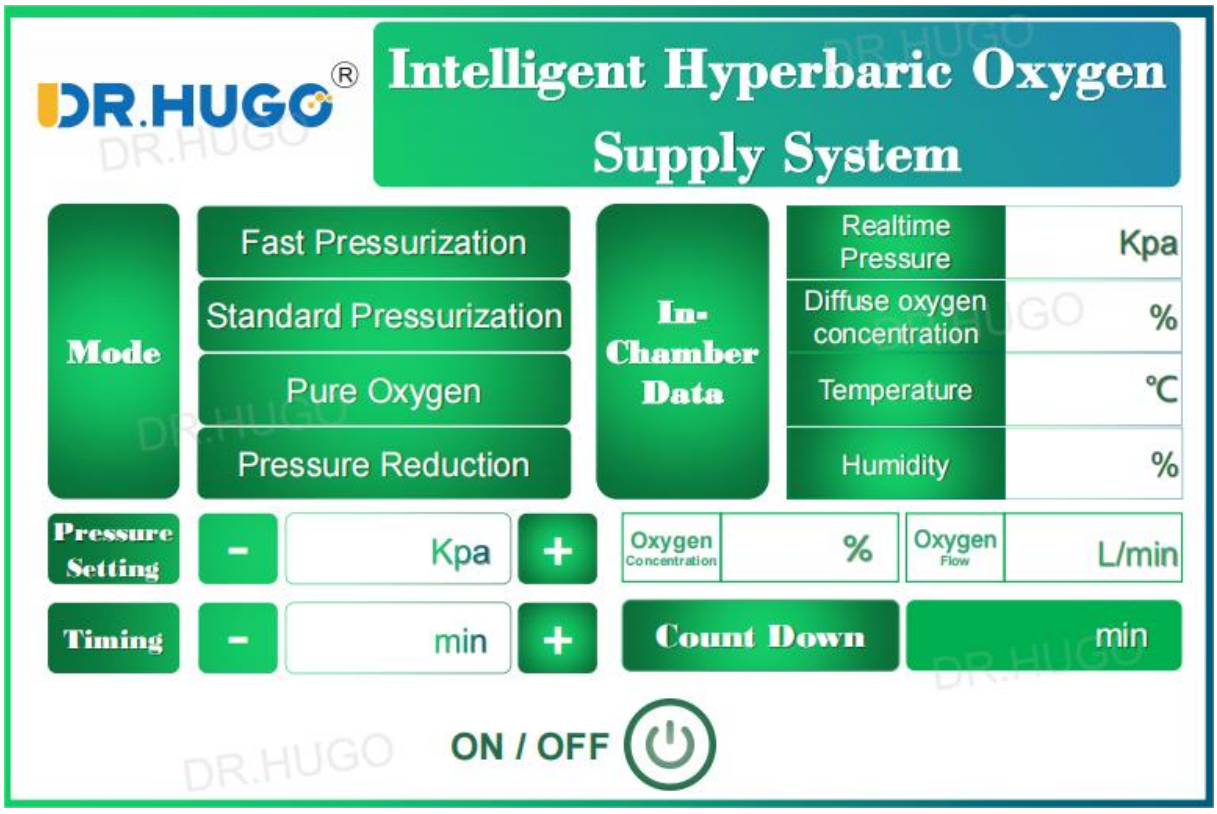



Control panel touch screen
Air-Inlet
Oxygen Regulator
Reset Button
Environmental
Detection Tube
Pressure
Relief Tub
Power Button
Pressure Detection Tube
Pressure Maintain Tube
Air-Outlet
Oxygen Tube
Pressure Increasing Tube



1 Control panel touch screen	5 Pressure Detection Tube	9 Pressure Relief Tube
2 Air-Inlet	6 Oxygen Tube	10 Environmental Detection Tube
3 Reset Button	7 Pressure Increasing Tube	11 Air-Outlet
4 Power Button	8 Pressure Maintain Tube	12 Oxygen Regulator

UI:



UI Display

Multi-language UI and Support Language Customization



In-chamber control panel:



Maintenance and Care

Customers are not permitted to perform internal repairs on this component. Any attempt to open the component and cause damage will void the warranty. The HEPA filter should be replaced every 600 hours; in windy or sandy environments, the replacement interval should be shortened. A routine inspection and maintenance should be performed every 1000 hours of unit operation. This component is covered by a 12-month warranty from the date of manufacture, provided as a replacement of components or parts, excluding personnel and transportation costs.

Please remember that this component is a live, high-voltage device. At any time when it is connected to a power source, operators must take necessary safety precautions. Safety precautions include, but are not limited to: appropriate training, wearing safety goggles, wearing protective clothing, and using insulated tools.
This oxygen supply system can be applied to most of the chambers on the market, we will configure different interfaces and air pipes for different types of chambers.

Configuration List:

Index	Specification	Unit	QTY
Cabin Style Chamber	1750mm(L)*1000mm(W)*1880mm(H)	set	1
Oxygen Supply System	Model: uMR O8+	set	1
In-cabin controller (touch screen version)	Standard: pressure adjustment,integrated pressure, oxygen concentration, temperature And can be customize	set	1
Communication System	Internal and external, Dual wireless, Chargeable	set	1
Oxygen Terminal Connector	Medical grade self-locking (national standard)	set	1
Humidification Bottle	Medical grade with regulating valve (national standard)	set	1
Automatic Safety Relief Valve	14.5Psi/Customize	set	2
Emergency Relief Valve	customize	set	1
Interior Decoration	Bamboo wood fiber, PU leather	set	1
Carpet	Customize /Middle fleece/Light color	set	1
Illumination	LED (light color optional) warm white/bright white/ice blue	set	1
Sofa	Sofa (non-adjustable/PU leather/compact)	set	1
In-cabin Power Supply System	Optional: 12/24V(double voltage) 600W	set	1
Air conditioner for oxygen chamber	Optional ： Water-cool air conditioner /500W	set	1
Massage Chair	Optional: 24V / 120W	set	1
DC TV	Optional: 24V / 100W	set	1

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DR.HUGO

Your Oxygen Therapy Expert

POWER BY:

LANNX Biomedical Co.,Ltd

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-Search our channel in YouTube to view operation video:
https://www.youtube.com/@oxygenchamber