



# Intelligent micro hyperbaric oxygen chamber



深圳海思美健康医疗有限公司

SHENZHEN HOLSOMED HEALTH MEDICAL CO., LTD

# Company introduction

## THE FIRM INTRODUCES

Shenzhen Holsomed Health & Medical Co., Ltd. focuses on intelligent micro hyperbaric oxygen chambers and home use medical equipment products, integrating research and development, production, and sales. Adhering to the principle of "serving human health with science and technology" and the concept of "smart innovation in health care", with the vision of "Holsomed, building health with beauty", we attach great importance to research and development, and steadily develop in the field of broader health with advantages in technology, design, quality, and service. We are determined to safeguard human health.



### **Our Mission>>>**

Holsomed, Building health and beauty

### **Corporate Values>>>**

Healthy technology, wholesome medical services.

## What is a micro hyperbaric oxygen chamber?

The micro high-pressure oxygen chamber mainly provides oxygen therapy in a micro high-pressure environment, It can promote blood circulation and increase blood oxygen saturation by increasing the solubility of oxygen in human blood, Helps with the recovery of damaged cells. Hyperbaric oxygen therapy is a non-invasive pure physical therapy, It increases the blood oxygen content, partial pressure of oxygen, and diffusion distance, help oxygen reach the very end of capillary blood vessel. Furthermore, it stimulates the aerobic metabolism process of cells, effectively relieving the hypoxic state of tissues and organs. This therapy has significant advantages in terms of health, not only showing excellent therapeutic improvements for many diseases, and it also help prevent diseases for healthy and sub healthy populations.

### Micro hyperbaric oxygen chamber is a new type of Physical therapy assistance system

Providing pressured high-purity oxygen can enhance the body's endurance and reduce fatigue Bringing multiple benefits to the human body

### The role of micro hyperbaric oxygen chamber

Micro hyperbaric oxygen chamber is a scientific oxygen replenishment device, Creating an oxygen rich environment of no more than 1.5 atmospheres inside the cabin, effectively increasing the levels of "bound oxygen" and "dissolved oxygen" in the body, A large amount of "dissolved oxygen" can directly provide sufficient oxygen to the skin, The active oxygen molecules moisturize the skin cells, stimulate cell renewal, accelerate toxin efflux, sufficient supply of oxygen can directly activate cells, enhance the cell' s ability to absorb nutrients.

- ★ Increase blood oxygen partial pressure
- ★ Greatly relieve hangover
- ★ Beauty and anti-aging
- ★ Increase metabolic capacity
- ★ Combat altitude sickness
- ★ Assist in post exercise recovery
- ★ Improve various sub-health conditions
- ★ stimulate the circulation of blood

# Application of Micro Hyperbaric Oxygen Chamber

Compared to medical hyperbaric oxygen chambers with over 2.0ATA pressure, the pressure and oxygen concentration inside the micro hyperbaric oxygen chamber is more friendly to low-pressure-tolerance population, so it is more suitable for a wider range of people and users. A large number of famous sports stars have publicly stated in interviews or on social media that they usually can use hyperbaric oxygen chambers to relieve fatigue, assist in physical recovery, and provide post-operative rehabilitation training.



Swimming athlete  
Use an oxygen chamber to restore physical fitness and relieve fatigue



NBA athletes;  
Use hyperbaric oxygen chamber  
Assist in the recovery of old injuries,  
Improve physical condition



Famous singer;  
Hyperbaric oxygen chamber  
protects sound line



Football player;  
Always using a hyperbaric oxygen chamber  
To restore physical strength



Famous designer;  
Share selfie of rehabilitation in a hyperbaric oxygen chamber after a surgery on social media platforms



cycling athlete;  
stated that hyperbaric oxygen chamber assist in their postoperative recovery.



Famous movie actress  
Hyperbaric oxygen chamber for beauty and body care.



Businessman  
Relieve hangover after drinking.

# Enterprise Qualification



### Safeguarding Neurological Function, Revitalizing 14.5 Billion Brain Cells

Increases blood oxygen content, improves oxygen partial pressure, enhances oxygen diffusion capacity, promotes cerebrovascular repair, reduces blood viscosity to minimize thrombus formation, and improves the oxygen supply to brain tissue.

### Cellular-Level Repair Power, Aiding Post-Operative Recovery

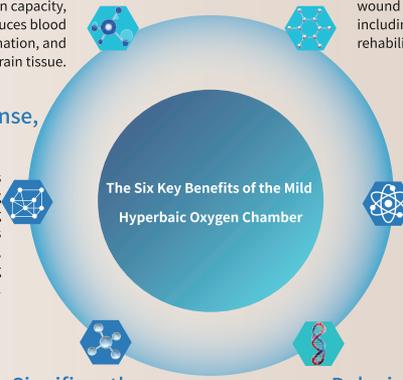
Promotes collagen synthesis and angiogenesis, aiding wound healing. Widely applied in multiple fields including neuroscience, burn care, surgery, and rehabilitation medicine.

### Building an Inflammation Defense, Effectively Boosting Immunity

The mild hyperbaric oxygen chamber exhibits bactericidal and bacteriostatic effects, accelerating tissue repair and wound healing, and increasing collagen synthesis and angiogenesis. Beyond its unique bactericidal and bacteriostatic properties, it also effectively combats inflammation, helping us stay away from infection issues.

### Relieving Physical Fatigue, Healing Sub-Health

Activates various enzymes in the body, promotes cell metabolism, aids in the recovery of bodily function, helps eliminate physical fatigue, and boosts energy levels. This enables a fuller return to work and life, allowing for the joint creation of a better future.



### Improving Sleep Disorders Significantly, "Sleeping" Your Way to Better Condition

In the fast-paced workplace, competitive pressure and a tense atmosphere persistently trouble people's lives, causing insomnia which significantly impacts both physical and mental health. The mild hyperbaric oxygen chamber, by increasing dissolved oxygen, gently and effectively enhances oxygen delivery to tissues and organs, improves microcirculation, and alleviates sleep disturbances.

### Delaying the Aging Process, Releasing Cellular Vitality

As age increases, bodily functions gradually decline. The mild hyperbaric oxygen chamber can significantly promote the release and activation of stem cells, increase telomere length, and reduce the number of senescent cells. It delays the aging process by inducing regenerative effects and clearing senescent cells.

## Boost Dissolved Oxygen, Breathe Healthier

Inhaling high-concentration oxygen under pressure is the safest and most effective way to boost dissolved oxygen.

Dissolved oxygen is relatively low in content in the human body, but its potential for increase is significant, and it possesses exceptional permeability.		
Oxygen Forms in the Human Body	Bound Oxygen	Dissolved Oxygen
Oxygen Content (per 100ml Blood)-Breathing Air at Normal Pressure	≈ 19.5ml	≈ 0.3ml
Proportion of Oxygen Content	98.50%	1.50%
Oxygen Content (per 100ml Blood)-Breathing Pure Oxygen at 1.3 ATA	≈ 20.1ml	≈ 2.6ml
Proportion of Oxygen Content	≈ 88.5%	≈ 11.5%



Oil-free compressor  
High pressure  
swing adsorption efficiency



molecular sieve Long term  
stable oxygen purity



High flow rate, high  
concentration  
Satisfy oxygen demand



safety protection  
AB level intelligent  
alarm system

## MICRO HYPERBARIC OXYGEN CHAMBER SERIES

oxygen chamber series

### Shell-Shaped Single Seater Chamber-P0

#### main parameters

External dimensions : 2000\*980\*1700mm  
Maximum work pressure : 2.0 ata  
oxygen concentration :  $\leq 27\%$   
Suitable number of people : 1 people



### Shell-Shaped Dual Seater Chamber-P1

#### main parameters

External dimensions : 2000\*1500\*1700mm  
Maximum work pressure : 2.0 ata  
oxygen concentration :  $\leq 27\%$   
Suitable number of people : 2 people



### Capsule Hard Shell Chamber-C0

#### main parameters

External dimensions : 2320\*930\*1080mm  
Maximum work pressure : 2.0 ata  
oxygen concentration :  $\leq 27\%$   
Suitable number of people : 1 people



## One-Seater Mini Horizontal Chamber- C1

### main parameters

External dimensions : 1350\*780\*1950mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people



## One-Seater Mini Vertical Chamber-C2

### main parameters

External dimensions : 800\*1450\*1950mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people



## One-Seater Mini ARC Chamber -C3

### main parameters

External dimensions : 1350\*780\*1950mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people



## One-Seater Integrated Chamber-C4

### main parameters

External dimensions : 1800\*1050\*1950mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people

display creen : Ten inch LCD touch screen



## Wheelchair-accessible Hard Single Seater Chamber-C5

### main parameters

External dimensions: 1100\*1800\*1950mm

Door Size: 700\*1400mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people

display creen : Ten inch LCD touch screen



## One-Seater Luxury Chamber - B1

### main parameters

External dimensions : 2000\*1200\*1900mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people

display creen : Ten inch LCD touch screen



## One-Seater Round Squared Chamber-B2

### main parameters

External dimensions : 2000\*1200\*1900mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people

display creen : Ten inch LCD touch screen



## One-Seater Space Chamber- B3

### main parameters

External dimensions : 2000\*1200\*1900mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people

display creen : Ten inch LCD touch screen



## One-Seater ARC Chamber-B4

### main parameters

External dimensions : 2000\*1200\*1900mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people

display creen : Ten inch LCD touch screen



## Deluxe Single Seater Chamber-B5

### main parameters

External dimensions : 2400\*1200\*1900mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 2 people

display creen : Ten inch LCD touch screen



## Double-Seater Luxury Chamber -S1

### main parameters

External dimensions : 2200\*1800\*1900mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 2 people

display creen : Ten inch LCD touch screen



## Double-Seater Round Squared Chamber -S2

### main parameters

External dimensions : 2200\*1800\*1900mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 2 people

display creen : Ten inch LCD touch screen



## Double-Seater ARC Chamber-S3

### main parameters

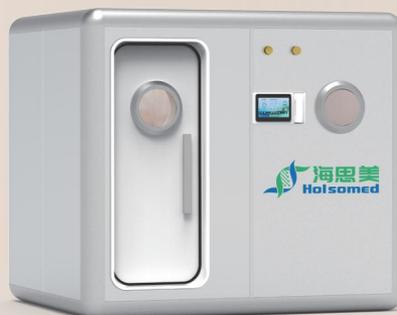
External dimensions : 2200\*1800\*1900mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 2 people

display creen : Ten inch LCD touch screen



## Double-Seater Space Chamber-S4

### main parameters

External dimensions : 2200\*1800\*1900mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 2 people

display creen : Ten inch LCD touch screen



## Deluxe Double Seater Chamber-S5

### main parameters

External dimensions : 2600\*2000\*1900mm

Maximum work pressure : 1.9 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 2 people

display creen : Ten inch LCD touch screen



## Three-Seater Luxury Chamber- D1

### main parameters

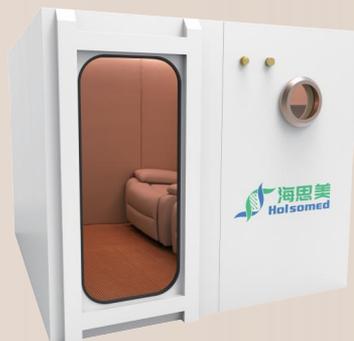
External dimensions : 2200\*2500\*1900mm

Maximum work pressure : 1.5 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 3 people

display creen : Ten inch LCD touch screen



## Four-Seater Luxury Chamber-D2

### main parameters

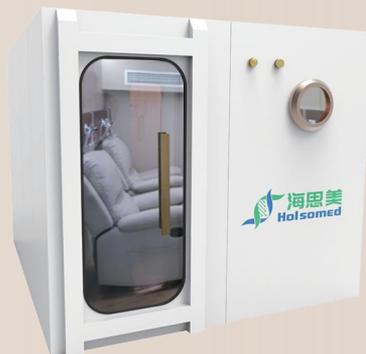
External dimensions : 3080\*2200\*1900mm

Maximum work pressure : 1.5 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 4 people

display creen : Ten inch LCD touch screen



## Four-Seater Space Chamber-D3

### main parameters

External dimensions : 2565\*2600\*2000mm

Maximum work pressure : 1.5 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 4 people

display creen : Ten inch LCD touch screen



## Six-Seater Chamber-D4

### main parameters

External dimensions : 3600\*2560\*1900mm

Maximum work pressure : 1.5 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 6 people

Display creen : Ten inch LCD touch screen



## Eight-Seater Chamber-D5

### main parameters

External dimensions : 3780\*2560\*1900mm

Maximum work pressure : 1.5 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 8 people

Display creen : Ten inch LCD touch screen



## Ten-Seater Chamber -D6

### main parameters

External dimensions : 4500\*2560\*1900mm

Maximum work pressure : 1.5 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 10 people

Display creen : Ten inch LCD touch screen



## Capsule Chamber -Y1

### main parameters

External dimensions : 2200\*800\*800mm

Maximum work pressure : 1.3ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people



## Egg-shaped Chamber -Y2

### main parameters

External dimensions : 2000\*1100\*1200mm

Maximum work pressure : 1.3 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people



## D-shaped Chamber - Y3

### Product parameters

External dimensions : 1800\*1300\*1470mm

Maximum work pressure : 1.3 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people



## C-shaped Chamber -Y4

### Product parameters

External dimensions : 1500\*600\*1250mm

Maximum work pressure : 1.3 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people



## Wheelchair-Accessible Soft Chamber -Y5

### main parameters

External dimensions : 1400\*1100\*1600mm

Maximum work pressure : 1.3 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people



## Mongolian-Style Soft Chamber - Y6

### Product parameters

External dimensions : 1800\*1800mm

Maximum work pressure : 1.3 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people



## 2.0 ATA Soft Lying Chamber -Y7

### Product parameters

External dimensions : 2200\*800\*800mm

Maximum work pressure : 2.0 ata

oxygen concentration :  $\leq 27\%$

Suitable number of people : 1 people



# Holsomed Hyperbaric Oxygen Chamber

## Global Real Installation Cases



Aesthetic Surgery Hospital



Medical Examination Center



Gyms & Fitness Center



Hospital



Rehabilitation Center



Dental Clinic



Outpatient Clinic



Oxygen Therapy Experience Center



Nursing Home



Health Hut



Private Residence



Pharmacy



Oxygen Bar Chain



Wellness Club



Maternity Hotel



Wellness Club

# Applicable scenarios



Private residence



Health and Wellness Center



Fitness facilities



High altitude Hotels



Medical beauty institutions



High end clubhouse



Postpartum recovery center



Elderly care center

# Suitable for the target audience



People who are prone to physical fatigue



Sub healthy population



Drunken individuals in social gatherings



Middle aged and elderly population



Overtime, staying up late, insomnia



Sports and fitness population



High altitude region



Student groups currently enrolled

# Our advantages

## Self developed highly integrated control system

- Integrated system for oxygen concentration and air compression.
- Touch screen with simple operation and real-time monitoring
- With IoT technology, support remote business operation.
- Integrated water cooling system solutions.

## Major safety measures

### Proactive safety management

- Safety automatic pressure relief valve
- Emergency stop button
- Manual pressure relief valve
- Water air conditioning, no R22 chemical.
- Low-voltage design, all appliances under 24v  
No lock door,
- Emergency phone communication.

### Passive safety management

- Pressure control system
- Oxygen control system
- Emergency safety pressure relief system

## Adapt medical use hyperbaric chamber to non-medical use.

- Using safety is the cornerstone
- Maximizing the oxygen partial pressure
- Enhancing comfort, intelligence, and ease of use
- Multifunctional with and IoT technology
- Continuously pursuing low power consumption, low noise, and miniaturization

## HOLSOMED HOME MEDICAL DEVICES

### MEDICAL BEAUTY AND PERSONAL CARE PRODUCT SERIES



**portable oxygen concentrator**

- Rated power: 50W
- Oxygen concentration: 93±3%
- Host weight: 1.9KG(Including battery)
- Battery life: 2-4h



**portable oxygen concentrator**

- Rated power: 30W
- Oxygen concentration: 32.5% 2.5%
- Host weight: 1.4KG(Including battery)
- External power supply: A C 100-240V 50/60HZ DC 12-16.8V



**Intelligent portable dental cleaner**

- Rated voltage: 3.7V
- Outlet pressure: 30-120psi
- Battery capacity: 1500mAh
- Water tank capacity: 350mL



**Voltage grid atomizer**

- Working power: Power less than 2W
- working frequency : 110KHz
- Atomization rate: 0.25mL/minute
- Noise: <50dB
- Voltage: USB 5V or 3.7V



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official account



The Little Red Book

**CONTACT US**

0755-23765625

admin@holsomed.com

<https://www.holsomed.cn/>

6th Floor, No. 6 Factory Building,  
Lijincheng Industrial Park, Longhua  
District, Shenzhen City