

Hyperbaric Oxygen Chamber

Bilingual Compendium

高压氧舱

双语资料汇编

Nourish with oxygen, delight your 40 trillion cells

以氧为养，愉悦你的四十万亿细胞

About Us

关于我们

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WeChat



WhatsApp

Our Products

产品展示

从单人舱到多人舱，满足家庭、诊所及商业康养中心的多样化需求。

我们的产品涵盖硬舱（碳钢/镍合金材质）和软舱（TPU 材质），

from single-person units to multi-person chambers, meeting the needs of home use, clinics, and commercial wellness centers.

Our product range covers hard chambers (carbon steel / nickel alloy) and soft chambers (TPU),

Hard Chamber Series

硬舱系列（碳钢材质）

They support 1.1–1.5 ATA working pressure and are ideal for long-term daily use.

Hard chambers are built with carbon steel or nickel alloy for durability and structural integrity.

Mini Single Cabin

迷你单舱



Parameter / 参数	Spec / 规格
Hull Material / 壳体材质	Carbon Steel / 碳钢
Dimension / 尺寸	1400×800×1880 mm
Hull Weight / 舱体重量	500 kg
Floor Space / 占地面积	1.12 m²
Gross Power / 总功率	500 W
Oxygen Flow / 制氧量	10 L/min
Oxygen Concentration / 氧浓度	93%±3%
Working Pressure / 工作压力	10–30 kPa

Single Deluxe Cabin

单人豪华舱



Parameter / 参数	Spec / 规格
Hull Material / 壳体材质	Carbon Steel / 碳钢
Dimension / 尺寸	2000×1200×1900 mm
Hull Weight / 舱体重量	800 kg
Floor Space / 占地面积	2.4 m²
Gross Power / 总功率	800 W
Oxygen Flow / 制氧量	10 L/min
Oxygen Concentration / 氧浓度	93%±3%
Working Pressure / 工作压力	10–30 kPa

Double Deluxe Cabin

双人豪华舱



Parameter / 参数	Spec / 规格
Hull Material / 壳体材质	Carbon Steel / 碳钢
Dimension / 尺寸	2000×1800×1900 mm
Hull Weight / 舱体重量	800 kg
Floor Space / 占地面积	2.6 m²
Gross Power / 总功率	2400 W
Oxygen Flow / 制氧量	15 L/min
Oxygen Concentration / 氧浓度	93%±3%
Working Pressure / 工作压力	10–30 kPa (1.3 ATA)

Four-Person Deluxe Cabin

四人豪华舱



Parameter / 参数	Spec / 规格
Hull Material / 壳体材质	Carbon Steel / 碳钢
Dimension / 尺寸	2000×3000×1900 mm
Hull Weight / 舱体重量	1.7 t
Floor Space / 占地面积	6 m²
Gross Power / 总功率	3000 W
Oxygen Flow / 制氧量	20 L/min
Oxygen Concentration / 氧浓度	93%±3%
Working Pressure / 工作压力	10–30 kPa (1.3 ATA)

Six-Person Deluxe Cabin

六人豪华舱



Parameter / 参数	Spec / 规格
Hull Material / 壳体材质	Carbon Steel / 碳钢
Dimension / 尺寸	2200×4200×2000 mm
Hull Weight / 舱体重量	1.9 t
Floor Space / 占地面积	9.2 m²
Gross Power / 总功率	4000 W
Oxygen Flow / 制氧量	30 L/min
Oxygen Concentration / 氧浓度	93%±3%
Working Pressure / 工作压力	10–30 kPa (1.3 ATA)

YP-R1000 Round Standard Cabin

YP-R1000 圆形标准舱



Parameter / 参数	Spec / 规格
Hull Material / 壳体材质	Nickel Alloy Metal / 镍合特殊金属
Dimension (D×H) / 直径×高	1000×1800 mm
Floor Space / 占地面积	0.79 m²
Power / 功率	1800 W
Working Pressure / 舱压	1.1–1.3 ATA (3 levels)
Control / 控制	Smart one-touch, internal & external dual control
Features / 选装	Tatami seat, optional AC

YP-R1400 Round Standard Cabin

YP-R1400 圆形标准舱



Parameter / 参数	Spec / 规格
Hull Material / 壳体材质	Nickel Alloy Metal / 镍合特殊金属
Dimension (D×H) / 直径×高	1400×1800 mm
Floor Space / 占地面积	1.54 m²
Power / 功率	1800 W
Working Pressure / 舱压	1.1–1.3 ATA (3 levels)
Control / 控制	Smart one-touch, internal & external dual control
Features / 选装	Tatami seat, optional AC

O-Shaped Standard Cabin

○ 形标准舱



Parameter / 参数	Spec / 规格
Hull Material / 壳体材质	Nickel Alloy Metal / 镍合特殊金属
Dimension / 尺寸	2000×1200×1780 mm
Power / 功率	2200 W
Working Pressure / 舱压	1.1–1.3 ATA (3 levels)
Control / 控制	Smart one-touch, internal & external dual control
Features / 选装	Tatami seat, optional AC

Home Use Version (No Installation)

住屋家用版（无需安装）



Parameter / 参数	Spec / 规格
Hull Material / 壳体材质	Nickel Alloy Metal / 镍合特殊金属
Dimension (D×H) / 直径×高	1350×800×1660 mm
Power / 功率	2200 W
Working Pressure / 舱压	1.1–1.5 ATA (5 levels)
Installation / 安装	No installation required / 无需安装
Features / 选装	Massage seat, electric recliner, AC, deluxe interior, one-touch start

Pet Oxygen Chamber

宠物氧舱



Parameter / 参数	Spec / 规格
Dimension (D×H) / 直径×高	1250×780×1660 mm
Power / 功率	1500 W
Oxygen Concentration / 氧浓度	21%–80% (adjustable)
Disinfection / 消毒系统	UV disinfection / 紫外线消毒
Control / 控制	One-touch start / 一键启动
Safety / 安全	Three safety systems / 三大安全系统保障

Soft Chamber Series

软舱系列（TPU 材质）

They are suitable for home use and mobile wellness applications.

Soft chambers are made with medical-grade TPU material, lightweight, portable, and easy to set up.

YCDR-HS050 Seated Type

坐舱



Parameter / 参数	Spec / 规格
Working Pressure / 工作压力	30 kPa
Material / 材料	TPU
Dimensions / 尺寸	1600×650×1200 mm
Users / 使用人数	1 人
Oxygen Output / 制氧量	5 L/min
Oxygen Concentration / 氧浓度	93%±3%

YCDR-HL050 Lying Type

躺舱



Parameter / 参数	Spec / 规格
Working Pressure / 工作压力	30 kPa
Material / 材料	TPU
Dimensions / 尺寸	750×2000 mm
Users / 使用人数	1 人
Oxygen Output / 制氧量	5 L/min
Oxygen Concentration / 氧浓度	93%±3%

YCDR-HT050 Extreme Oxygen

极氧舱



Parameter / 参数	Spec / 规格
Working Pressure / 工作压力	30 kPa
Material / 材料	TPU
Dimensions / 尺寸	1600×650×1200 mm
Users / 使用人数	1 人
Oxygen Output / 制氧量	5 L/min
Oxygen Concentration / 氧浓度	93%±3%

YCDR-HC050 Business Cabin C

商务舱 C



Parameter / 参数	Spec / 规格
Working Pressure / 工作压力	30 kPa
Material / 材料	TPU
Dimensions / 尺寸	2000×650×1200 mm
Users / 使用人数	1 人
Oxygen Output / 制氧量	5 L/min
Oxygen Concentration / 氧浓度	93%±3%

YCMR-PD100 Two-Person

康乐双人舱



Parameter / 参数	Spec / 规格
Working Pressure / 工作压力	20 kPa
Material / 材料	TPU
Dimensions / 尺寸	1500×1200×1500 mm
Users / 使用人数	2 人
Oxygen Output / 制氧量	10 L/min
Oxygen Concentration / 氧浓度	93%±3%

YCMR-PM200 Multi-Person

花式多人舱



Parameter / 参数	Spec / 规格
Working Pressure / 工作压力	20 kPa
Material / 材料	TPU
Dimensions / 尺寸	1800×1500×1500 mm
Users / 使用人数	4-6 人
Oxygen Output / 制氧量	20 L/min
Oxygen Concentration / 氧浓度	93%±3%

Buying Guide

选购指南

How to Choose the Right Chamber

如何选择适合您的氧舱

Hard Chamber vs Soft Chamber

Comparison	Hard Chamber 硬舱	Soft Chamber 软舱
Material 材质	Carbon Steel / Nickel Alloy 碳钢/镍合金	Medical-grade TPU 医用级 TPU
Pressure Range 压力范围	1.1–1.5 ATA	1.1–1.3 ATA
Durability 耐用性	15+ years, extremely durable 15 年以上，极耐用	5–8 years, normal wear 5–8 年，正常损耗
Portability 便携性	Fixed installation, heavy 固定安装，较重	Lightweight, foldable, easy to move 轻便可折叠，易移动
Noise Level 噪音	Quiet (≤55 dB) 静音	Slightly higher (~65 dB) 略高
Setup 安装	Professional installation recommended 建议专业安装	Self-install in 10 minutes 10 分钟自行安装
Best For 适合场景	Clinic, commercial, long-term home use 诊所、商业、长期家用	Home use, travel, rental 家用、出差、租赁
Price Range 价格区间	Higher investment 投资较高	Budget-friendly 经济实惠

Single-Person vs Multi-Person

Type 类型	Capacity 容量	Best For 适合	Suitable Space 所需空间
Single-Person 单人舱	1 person 1 人	Personal daily use 个人日常使用	~2 m² / 2-3 m²
Two-Person 双人舱	2 persons 2 人	Couple, parent & child 夫妻、亲子	~3 m²
Four-Person 四人舱	4 persons 4 人	Family, small clinic 家庭、小型诊所	~6 m²
Six-Person 六人舱	6 persons 6 人	Clinic, wellness center 诊所、康养中心	~9 m²

Quick Recommendations

Your Situation 您的情况	Recommended Model 推荐型号
Home use, bedroom, budget-conscious 家用卧室，预算有限	Soft Chamber (YCDR-HS050 / HL050) 软舱（坐舱/躺舱）
Home use, best experience, permanent installation 家用，追求体验，固定安装	Hard Chamber (YP-R1000 / Single Deluxe) 硬舱（圆形标准/单人豪华）
Family of 2–4 家庭 2–4 人	Double / Four-Person Deluxe Cabin 双人/四人豪华舱
Clinic / wellness center / spa 诊所/康养中心/SPA	Four-Person / Six-Person Deluxe 四人/六人豪华舱
Pet use 宠物使用	Pet Oxygen Chamber 宠物氧舱

Usage Instructions

使用说明

Recommended Protocol

推荐使用方案

Parameter 参数	Recommendation 建议
Session Duration 每次时长	40–60 minutes (including compression & decompression) 40–60 分钟（含加压和减压过程）
Frequency 频率	Once daily for the first 2 weeks; then 3–5 times/week 前两周每日 1 次，之后每周 3–5 次
Pressure 压力	Start at 1.1–1.2 ATA, gradually increase to 1.3–1.5 ATA 从 1.1–1.2 ATA 开始，逐步提升至 1.3–1.5 ATA
Oxygen Concentration 氧浓度	90%–95% (delivered via nasal cannula) 90%–95%（鼻吸管输送）
Best Time 最佳时段	Morning (after breakfast) or evening (2 hours after dinner) 早餐后早晨或晚餐 2 小时后
Hydration 补水	Drink 200–300ml water before and after session 使用前后各饮水 200–300ml

Precautions

注意事项

- Do not use within 1 hour of a heavy meal; wait at least 2 hours after eating.
- Remove all metal objects (jewelry, watches, phones) before entering the chamber.
- Keep the chamber well-ventilated; do not block air vents.
- Always use the nasal cannula; do not directly inhale high-concentration oxygen without guidance.

- Stay calm inside the chamber; if you feel dizzy or uncomfortable, press the emergency call button.
- Children must be accompanied by an adult at all times.
- Do not read or use electronic devices inside the hard chamber during compression.

- 饱餐后 1 小时内请勿使用，建议饭后 2 小时再进行氧疗。
- 进入舱前请取下所有金属物品（首饰、手表、手机等）。
- 保持舱内通风，请勿堵塞通风口。
- 使用鼻吸管吸氧，请勿在无指导下直接吸入高浓度氧气。
- 舱内保持放松；如感到头晕或不适，请按紧急呼叫按钮。
- 儿童必须由成人全程陪同。
- 加压过程中请勿阅读或使用电子设备。

Contraindications (Do Not Use)

禁忌人群（请勿使用）

- ✗ Untreated pneumothorax (collapsed lung) / 未经治疗的气胸患者
- ✗ Severe chronic obstructive pulmonary disease (COPD) / 严重慢性阻塞性肺病
- ✗ Recent chest surgery (within 3 months) / 近期胸部手术（3 个月内）
- ✗ Active respiratory infection with fever / 活动性呼吸道感染伴发热
- ✗ Pregnancy (consult doctor first) / 孕妇（请先咨询医生）
- ✗ Severe ear or sinus infection / 严重耳部或鼻窦感染
- ✗ Known allergy to oxygen therapy / 已知氧疗过敏者

Customer Testimonials

客户反馈与案例

Real Cases & Results

真实案例与效果

Customer 客户	Condition 情况	Result 效果
Mr. Chen, 52 陈先生，52 岁	Chronic fatigue, poor sleep 长期疲劳，睡眠差	After 2 weeks (30 min/day, 1.3 ATA): Sleep improved from 4h to 7h; energy level up 60%. 两周后（每日 30 分钟，1.3 ATA）：睡眠从 4 小时提升到 7 小时，精力提升 60%。
Ms. Liu, 38 刘女士，38 岁	Low oxygen saturation (SpO2 92%) 血氧偏低（血氧饱和度 92%）	After 4 weeks: SpO2 improved from 92% to 97%; skin complexion visibly brighter. 四周后：血氧从 92%提升至 97%，肤色明显改善。
Dr. Wang, Clinic Owner 王医生，诊所经营者	Purchased Four-Person Cabin 购置四人豪华舱	Payback within 8 months; patient satisfaction 95%; repeat rate >70%. 8 个月回本，患者满意度 95%，复购率>70%。
Grandfather Zhang, 75 张爷爷，75 岁	Post-stroke recovery 中风后康复	Daily 40-min sessions; improved mobility and speech clarity after 3 months. 每日 40 分钟，3 个月后行动能力和语言清晰度明显改善。
Athlete Li, 26 运动员小李，26 岁	Exercise recovery 运动后恢复	Lactic acid clearance time reduced from 48h to 12h; training frequency doubled. 乳酸清除时间从 48 小时缩短至 12 小时，训练频率翻倍。

Customer Reviews

客户评价

"The chamber is very quiet and comfortable. After using it for a month, my insomnia is gone and I wake up feeling refreshed. Highly recommend!"

"氧舱很安静舒适。用了一个月后，失眠好了，早上起来精神很好。强烈推荐！"

— **Ms. Zhang, Home User** 张女士，家用客户

"I bought the soft chamber for my parents. They love it — easy to use and they say their chronic back pain has improved significantly."

"我给父母买了软舱。他们很喜欢——操作简单，说慢性腰痛明显好转。"

— **Mr. Li, Home User** 李先生，家用客户

"We installed a six-person cabin in our wellness center. Business has grown 40% since launch. The after-sales support from Keyhang is excellent."

"我们在康养中心装了六人舱。开业以来业务增长 40%。淇航的售后服务非常好。"

— **Ms. Chen, Wellness Center Owner** 陈女士，康养中心经营者

English Edition

英文版

who can benefit, health benefits, application scenarios, and safety certifications.

Please scroll through the following sections to learn about how hyperbaric oxygen therapy works,

We help our clients improve oxygen levels, recover faster, and enjoy better long-term health.

Our micro hyperbaric oxygen chambers operate at 1.1–1.5 ATA, delivering pure oxygen safely and comfortably.

We are dedicated to providing high-quality hyperbaric oxygen chamber solutions for home, clinic, and commercial use.

Welcome to Guangzhou Keyhang Medical Biotechnology Co., Ltd.

How It Works

Principle Overview

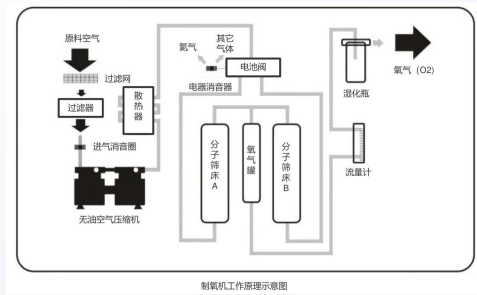
The hyperbaric oxygen chamber provides a sealed environment where users breathe pure oxygen at a pressure above normal atmospheric pressure. This "pressurizes" oxygen into the bloodstream, increasing the dissolved oxygen content in blood plasma. As a result, the oxygen diffusion radius in capillaries expands significantly, improving oxygen delivery to body tissues.

Inside the chamber, pure oxygen is delivered via nasal inhalation. Under elevated pressure, oxygen dissolves in greater quantities and reaches all organs and tissues. This promotes tissue repair, cellular regeneration, telomere lengthening and repair, and accelerates microcirculation. In turn, it regulates metabolism, strengthens immunity, and enhances the body's natural self-healing ability. It is particularly effective for sub-health recovery, anti-aging, and skin beautification.

Ten Integrated Systems

Our micro hyperbaric oxygen chambers operate through ten coordinated systems that ensure a safe, comfortable, and efficient oxygen therapy environment.

No.	System	Function
01	Safety System	Real-time monitoring of cabin pressure and oxygen concentration; emergency pressure relief valve; automatic oxygen concentration regulation.
02	Air Supply System	High-purity oxygen delivery via oxygen concentrator; adjustable flow and concentration for stable cabin oxygen levels.
03	Indoor Circulation System	Circulation fans ensure even oxygen distribution; effectively removes CO ₂ and other exhaust gases.
04	Compression System	Maintains the micro-hyperbaric environment by precisely adjusting air volume within set pressure ranges.
05	Filtration & Separation	Filters and purifies incoming air, removing impurities and harmful substances for clean, high-quality breathing air.
06	Communication System	Intercom and observation windows enable communication between inside and outside the cabin.
07	Control System	Monitors and regulates oxygen concentration, pressure, temperature, and all key parameters in real time.
08	Negative Ion System	Releases negative ions to improve air quality inside the cabin; blood maintains a weak alkaline state.
09	Circulating Air System	Ensures smooth airflow; the heart beats more easily under enriched oxygen conditions.
10	Atomic Oxygen Generation	Advanced technology separates oxygen from ambient air via molecular sieve, continuously providing high-purity oxygen.



10 原子制氧系统

--原子制氧系统通过先进的技术手段，从空气中分离出氧气。

--这种系统能够持续、稳定地为舱内提供高纯度的氧气。

Oxygen Concentrator Working Principle: Raw air passes through filters, a silencer, and an oil-free air compressor, then through molecular sieve beds (A/B) that separate oxygen from other gases. The purified oxygen passes through a flow meter and humidification bottle before entering the cabin.

Who Can Benefit

Applicable Populations

Population	Description
Chronic Disease Patients	Helpful for those with insomnia, fatigue, dizziness, and other chronic conditions; improves quality of life.
Elderly & Frail	As people age, cardiopulmonary function declines and hypoxia symptoms appear. Oxygen supplementation improves oxygen levels and strengthens constitution.
Mental Workers	Urban professionals facing high stress and fast-paced lives. Increased oxygen improves thinking ability and memory.
Athletes	Rapidly replenishes oxygen after intense training or competition; accelerates lactic acid clearance and physical recovery.
Beauty-conscious Individuals	Improves blood circulation, maintains skin gloss and smoothness, and extends the lifespan of sweat and sebaceous glands.
Patients with Various Conditions	Hyperbaric oxygen therapy applies to over 140 conditions, including infectious diseases, COPD, cerebral vascular disease, spinal cord injury, Parkinson's, and more.

Health Benefits

Our hyperbaric oxygen chambers offer comprehensive benefits across multiple areas of health and wellness.

Sub-health & Recovery

- Relieves weakness, fatigue, and exhaustion
- Improves sleep quality and reduces insomnia
- Alleviates palpitations and chest tightness
- Relieves anxiety, irritability, and stress
- Quick hangover recovery
- Enhances mental clarity and focus

Chronic Disease & Regulation

- Supports cardiovascular and cerebrovascular health
- Helps regulate blood sugar and diabetes
- Improves immunity and resistance
- Regulates blood pressure (high or low)
- Improves gastrointestinal conditions and ulcers
- Supports chronic disease rehabilitation

Beauty & Anti-aging

- Promotes beauty and skin rejuvenation
- Anti-aging and cellular regeneration
- Reduces pigmentation and blemishes
- Improves poor skin healing
- Alleviates allergies and atopic conditions

Physical Recovery & Specific Concerns

- Post-surgical recovery
- Post-exercise recovery
- Reduces altitude sickness

- Improves vascular function
- Supports brain injury recovery
- Improves senile dementia
- Alleviates nervous tinnitus and hearing loss
- Supports depression and anxiety relief
- Helps with gout and encephalitis
- Improves obesity and constipation
- Alleviates varicose veins
- Helps rheumatoid arthritis
- Improves neck/shoulder discomfort
- Reduces bleeding gums
- Improves skin infections
- Improves low blood oxygen levels
- Reduces night restlessness and insomnia
- Improves poor appetite
- Alleviates scalp itch and dandruff
- Improves sore throat
- Relieves muscle cramps and spasms
- Improves slow wound healing

Application Scenarios

Our chambers are suitable for a wide range of settings:

Scenario	Description
Community Wellness Centers	Community-based health and oxygen therapy stations
Rehabilitation Hospitals	Post-surgical and chronic disease rehabilitation
Plateau Regions	Altitude sickness prevention and oxygen supplementation
Plateau Scenic Areas	Tourist oxygen bars and altitude adaptation centers
Hotels & Resorts	Premium guest wellness facilities
Gyms & Sports Centers	Athletic recovery and performance enhancement
Bars & Leisure Venues	Relaxation and alcohol metabolism support
Government Offices	Executive health rooms and wellness facilities
Border Defense Forces	Troop health and altitude adaptation
Horse Racing Tracks	Athletic performance support
Executive Offices	Boss wellness rooms and private health cabins
Convalescent Centers	Cadre rest homes and senior care facilities
Nursing Homes	Elderly care and oxygen supplementation
Clinics & Medical Practices	Clinic-based oxygen therapy services
Home Use	Residential installation for family health
Sports Stadiums	Athlete recovery and performance support

Safety & Certifications

Our products meet the highest safety and quality standards:

- Five independent safety systems: automatic pressure relief, manual relief, reversal function, overpressure protection, and internal circulation
- Indoor clean air circulation system
- Active air treatment system
- Reversal safety system
- Indoor cooling and constant temperature system
- Active atomization technology
- Automatic door opening system
- Power-failure forced door release system
- Oxygen detection system
- 38,000-hour oxygen concentrator warranty
- National authoritative quality testing certification
- Fully certified by Guangdong Product Quality Supervision and Inspection Institute
- CE and ISO certifications obtained
- Multiple national patents granted
- Hidden water-cooling air conditioning system
- Product liability insurance underwritten by PICC (People's Insurance Company of China), including product liability, personal accident, public liability, and product quality insurance

Quality, safety, and reliable after-sales service are our top priorities. The price of a hard chamber oxygen system ranges from tens of thousands to over one million RMB, depending on configuration and features.

Hyperbaric Oxygen Chamber

Chronic Fatigue Syndrome

Hyperbaric Oxygen and Chronic Fatigue Syndrome

- A systemic syndrome manifested primarily by long-term fatigue
- Often accompanied by headache, sore throat, and swollen lymph nodes
- Muscle and joint pain, as well as various neuropsychiatric symptoms
- New-onset, persistent, or recurrent debilitating fatigue

Mechanisms of Hyperbaric Oxygen Therapy

Mechanism	Description
Inhibits Cytokine Production	Exerts bidirectional regulatory effects on immune function.
Increases Vertebral Artery Blood Flow	Stimulates the hypothalamus-pituitary axis and improves HPA axis function.
Reduces Serotonin (5-HT) Inactivation	Inhibits monoamine oxidase activity and increases central 5-HT levels.
Raises Blood Oxygen Partial Pressure	Enhances the activity of various enzymes in the body, increasing energy production.

Nourish with oxygen, delight your 40 trillion cells.

Principles

Application Principle

Hyperbaric oxygen therapy involves breathing high-concentration oxygen in a pressurized environment above normal atmospheric pressure. The oxygen inhaled is more than 10 times that under normal pressure conditions. It addresses a range of problems and symptoms caused by hypoxia in the body and organs, is suitable for all populations, and is safe, efficient, and scientifically proven.

A Growing Global Trend

With technological advancement and growing demand for health maintenance, consumer-grade oxygen chambers have gained international popularity. In developed countries, hyperbaric oxygen therapy has become an important part of daily home health care.

Bound Oxygen vs. Dissolved Oxygen

Bound Oxygen	Dissolved Oxygen
Bound oxygen combines with hemoglobin and is transported to various tissue cells, but cannot easily pass through capillaries.	Dissolved oxygen readily passes through capillaries to reach tissue cells throughout the body, independent of hemoglobin levels.

Cellular Aging Reversal

Israeli Prospective Study

In 2019, the Shamir Medical Center in Israel published a paper in the journal AGING. The center conducted a 90-day continuous hyperbaric oxygen therapy experiment on 35 elderly participants.

Result	Value
Telomere lengthening	20%
Reduction in senescent cells	37%
Cellular rejuvenation	25 years
Number of participants	35
Study duration	90 days
Number of treatments	60 sessions

Nobel Prize in Medicine

"The Nobel Prize in Medicine reveals the profound significance of oxygen for human health."

Hypoxia is a Major Factor in Human Disease

Cancer | Heart Disease | Stroke | Vascular Disease

Benefits of Hyperbaric Oxygen Therapy

Hyperbaric oxygen therapy refers to a treatment method in which pure oxygen or high-concentration oxygen is inhaled in a pressurized environment above one absolute atmospheric pressure.

The Therapy Process

Hyperbaric oxygen therapy consists of three phases: compression, pressure maintenance, and decompression. One session takes approximately 120 minutes.

Indications

System	Examples
Cardiovascular	Cerebral hemorrhage, arteriosclerosis, heart disease, post-stroke sequelae
Central Nervous System	Senile dementia, muscle paralysis, neurosis, autism, schizophrenia, headache, insomnia
Trauma / Infection	Acute soft tissue injury, ulcers, burns, wound healing
Metabolic / Skeletal	Bone wounds, fractures, diabetes mellitus
Respiratory	Asthmatic bronchitis, pneumonia, acute CO poisoning
Skin	Acne, herpes simplex, shingles, alopecia areata
Ophthalmic	Diabetic retinopathy, keratitis
Reproductive / Cancer	Infertility, postpartum recovery; adjuvant therapy for chemotherapy and radiotherapy

Nourished by Oxygen

Delight Your 40 Trillion Cells

No.	Benefit	Description
01	Fatigue Recovery	Antidepressant, stress relief, enhanced physical strength, relief from post-exercise pain
02	Improved Sleep Quality	Enhanced memory and improved mental state
03	Post-Surgical Rehabilitation	Treatment support and chronic disease regulation
04	Support for the Elderly & Frail	Strengthening the body and building vitality
05	Promotes Metabolic Circulation	Enhances the body's regulatory capacity
06	Oxygenates Cells	Repairs damaged cells
07	Antioxidant & Anti-Aging	Boosts immunity
08	Blood & Vascular Diseases	Prevention and physical therapy

Health Benefits of Mild Hyperbaric Oxygen Chamber

- Helps improve sleep and relieve fatigue
- Helps beautify and brighten the skin
- Helps alleviate intoxication
- Helps eliminate the harm caused by smoking
- Helps prevent cardiovascular and cerebrovascular diseases
- Helps relieve hypoxia from lung diseases
- Helps boost the body's immunity
- Helps improve work efficiency
- Helps slow down the aging process
- Helps prevent senile dementia
- Helps relieve hypoxia caused by snoring
- Helps relieve altitude sickness
- Helps prevent cancer
- Helps support fertility preparation and conception

How Hyperbaric Oxygen Chambers Help with Alcohol Metabolism

Step	Description
Step 1	After alcohol enters the human body, it is first broken down into acetaldehyde, then further decomposed into carbon dioxide and water—all requiring aerobic conditions.
Step 2	Adequate oxygen accelerates the breakdown of alcohol, expels waste, promotes blood circulation, and eliminates intoxication and fatigue.
Step 3	For mild intoxication, resting in the oxygen chamber for 60 minutes can lead to immediate recovery; for a hangover, it can accelerate recovery by up to 30%.

What Does It Look Like When the Body Is "Blocked"?

Prevention is better than treatment; timely oxygen therapy is essential.

Blocked Location	Condition
Brain	Cerebral infarction (stroke)
Capillaries	Tumor
Lymph nodes	Lymphadenopathy
Liver	Liver tumor
Heart	Myocardial infarction (heart attack)
Thyroid	Nodule
Kidneys	Uremia
Uterus	Fibroid
Chest	Breast hyperplasia
Shoulder / Neck	Cervical spondylosis
Legs	Varicose veins
Mucous membranes	Cyst

中文版

Chinese Edition

请翻阅以下章节，了解高压氧疗的工作原理、适用人群、健康益处、应用场景及安全认证。

帮助客户提升血氧、加速恢复、享受更健康的生活。

我们的微高压氧舱工作压力为 **1.1–1.5 ATA**，安全舒适地输送纯氧。

我们致力于为家庭、诊所及商业场所提供高品质的高压氧舱解决方案。

欢迎光临广州淇航医疗生物科技有限公司

工作原理

原理概述

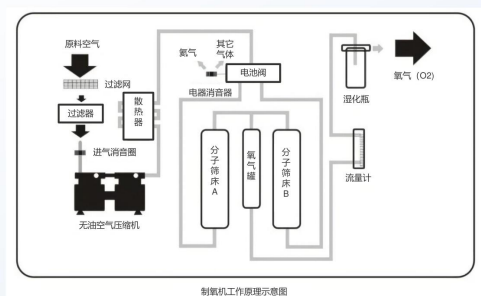
高压氧舱通过提供一个密封的舱室，人在高于正常大气压的氧压下吸氧，将氧压迫进入血液，血液中的溶解量增加，毛细血管中氧气弥散半径增加，从而提高血液的携氧能力，改善身体组织的氧气供应。

舱室中采用鼻吸的方式来呼吸纯氧，由于气压高，氧的溶解量大，氧气进入五脏六腑，促进修复人体各组织机能，修复细胞，拉长并修复端粒子，加速人体微循环，从而调理了新陈代谢，提升免疫力，使人体自愈能力更强。对亚健康人群及爱美人士进行康复理疗、抗衰老、美白美容有着良好的效果。

十大协同系统

微高压原子氧能舱通过 10 个系统的协同工作，为用户提供安全、舒适、高效的氧疗环境。

编号	系统	功能
01	安全系统	实时监测舱内压力、氧气浓度等关键参数；紧急减压阀；氧气浓度自动调节。
02	供风系统	通过氧气发生器提供高纯度氧气；可调节流量和浓度，确保舱内氧浓度稳定。
03	室内循环系统	循环风扇确保氧气均匀分布；有效排除二氧化碳和其他废气。
04	压缩系统	维持微高压环境，精确控制压力在设定范围内波动。
05	过滤分离系统	过滤和净化进入舱内的空气，去除杂质和有害物质。
06	内外通信系统	对讲机和观察窗方便用户与外界沟通。
07	内外控制系统	实时监测和调节氧气浓度、压力、温度等参数。
08	负离子系统	释放负离子改善舱内空气质量；血液呈弱碱性。
09	循环风系统	确保空气流通顺畅；心脏跳动更轻松。
10	原子制氧系统	通过分子筛技术从空气中分离氧气，持续稳定提供高纯度氧气。



10 原子制氧系统

--原子制氧系统通过先进的技术手段，从空气中分离出氧气。

--这种系统能够持续、稳定地为舱内提供高纯度的氧气。

制氧机工作原理：原料空气经过滤网、消音器、无油空气压缩机后进入分子筛床（A/B 床）分离氧气，纯氧经流量计和湿化瓶后进入舱内。

适用人群

人群	说明
慢性病患者	如失眠、疲劳、头晕等症状的患者，有助于缓解病症，提高生活质量。
中老年人	随着年龄增长，心肺功能减弱，容易缺氧。微压氧舱提供充足氧气补充，改善缺氧状态。
脑力工作者	都市精英普遍面临快节奏、高压力的生活，长期处于亚健康状态。提高环境氧浓度，改善思维能力和记忆力。
运动员	高强度训练或比赛后快速补充氧气，加速乳酸等代谢产物排出，迅速恢复体能。
爱美人士	改善血液循环，在氧供应充足的情况下，延长汗腺或皮脂腺寿命，保持皮肤光泽和滑润。
其他疾病患者	微高压氧治疗适用于 140 多种疾病，包括各种内科疾病、神经病学疾病等。

健康益处

亚健康与康复

- 缓解虚弱、疲劳、疲惫无力
- 改善睡眠质量，缓解失眠
- 缓解心悸、胸闷
- 缓解焦躁、不安、压力
- 醉酒快速醒酒
- 提高记忆力、注意力和工作专注力

慢性病调理

- 心脑血管疾病调理
- 糖尿病调理
- 增强抵抗力
- 改善高血压或低血压
- 改善胃病或胃溃疡
- 慢性疾病康疗

美容抗衰老

- 美容养颜
- 抗衰老
- 去斑
- 改善过敏体质综合症
- 改善伤口恢复慢

运动恢复与专项改善

- 术后恢复
- 运动后恢复
- 减轻高原反应
- 改善血管功能
- 脑外伤恢复
- 改善老年痴呆症

- 改善神经性耳聋耳鸣
- 抑郁症、焦虑症调理
- 痛风、脑炎调理
- 肥胖、便秘调理
- 静脉曲张
- 风湿关节炎
- 腰部酸痛不适
- 牙龈容易出血
- 感染皮肤病
- 血氧含量低综合症
- 晚上睡不好或失眠
- 食欲差
- 头痒、头皮屑多
- 喉咙发炎
- 抽筋、肌肉痉挛

应用场景

场景	说明
社区康养中心	社区健康氧疗站
康复医院	术后和慢性病康复
高原地区	高原反应预防和氧气补充
高原景区	游客氧吧和高原适应中心
酒店度假村	高端客房养生设施
健身房/体育馆	运动恢复和体能提升
酒吧休闲场所	放松和酒精代谢支持
政府机关	高管健康室和养生设施
边防部队	部队健康和高原适应
跑马场	运动表现支持
老板办公室	私人健康舱
干部修养所	养老和氧气补充
养老院	老年人护理和氧疗
诊所	诊所氧疗服务
家用	家庭健康安装

安全与资质

产品符合最高安全和质量标准：

- 五大独立安全系统：自动泄压、手动泄压、反转功能、过压保护、舱内内循环
- 室内净洁安全循环系统
- 活性空气处理系统
- 反转安全系统
- 室内降温恒温系统
- 活性原子技术
- 自动打开门系统
- 断电强制打开门系统
- 氧气检测系统
- 制氧机承保 38000 小时
- 国家权威检测质量产品
- 经广东产品质量监督检验研究院全机检测合格
- CE、ISO 认证
- 已获多项专利
- 隐藏式水空调
- 中国人民财产保险股份有限公司承保，含产品责任险、意外伤害险、公众责任险和产品质量险

硬体氧舱价格从几万到上百万不等，取决于配置和功能。

高压氧舱

慢性疲劳综合症

高压氧与慢性疲劳综合症

- 长期疲劳为主要表现的全身性综合症
- 常伴有头疼、咽喉痛、淋巴结肿大
- 肌肉关节疼痛、多种神经精神症状
- 新发生的、持续性或反复发作的虚弱性疲劳

高压氧治疗机制

机制	说明
抑制细胞因子产生	对免疫机能存在双向调节效应
增加椎动脉血流	刺激下丘脑-垂体，改善 HPA 轴功能
减少 5-羟色胺(5-HT)灭活	抑制单胺氧化酶的活性，增加中枢 5-HT 的含量
提高血氧分压、血氧含量	使身体的多种酶活性增强，机体产能增加

以氧为养，愉悦你的四十万亿细胞

高压氧舱原理

高压氧舱应用原理

高压氧疗是置身于高于日常一个大气压的特定环境中，吸入高浓度氧气，这时吸入的氧气是常压条件下的 10 倍以上。针对身体及器官因缺氧所引发的一系列问题和症状，适用于所有人群，安全、高效且科学。

高压氧舱成为趋势

随着科技发展和人们对健康需求的不断提升，民用氧舱开始在国际上流行起来，在发达国家高压氧疗已成为家庭日常保健的重要部分。

结合型氧 vs 溶解型氧

结合型氧	溶解型氧
结合型氧的氧气和血红素结合运送至各组织细胞，但由于分子较大不易通过毛细血管。	溶解型氧很容易通过毛细血管到达全身各处的组织细胞，溶解于血浆或体液中，和血红素的量无关。

以色列前瞻性实验

2019 年，以色列沙米尔医疗中心在期刊 AGING 上发表论文：高压吸氧，细胞逆龄。对 35 位老年人进行连续 90 天的高压氧治疗实验：

结果	数值
细胞端粒延长	20%
衰老细胞减少	37%
细胞年轻	25 岁
实验人数	35 人
实验周期	90 天
治疗次数	60 次

诺贝尔医学奖

"诺贝尔医学奖"揭示氧对人类健康重大意义

低氧是导致人类患病的重要因素

癌症 | 心脏病 | 中风 | 血管疾病

高压吸氧功效

高压吸氧氧疗是指在高压环境中吸入纯氧或高浓度氧的一种治疗方法，主要用于治疗全身各类缺血缺氧性疾病。

高压吸氧氧疗过程

高压吸氧氧疗包括三个阶段：加压阶段、稳压阶段、减压阶段。一次治疗大约需要 120 分钟。

高压氧适应症

系统	举例
心血管系统	脑出血、动脉硬化、心脏病、中风后遗症等
中枢系统	老年痴呆症、肌肉麻痹、神经功能症、自闭症、精神分裂症、头痛、失眠等
外伤/感染	急性软组织损伤、溃疡、烧伤、创伤等
代谢/骨骼	骨骼伤口、骨折、糖尿病等
呼吸系统	哮喘气管炎、肺炎、急性 CO 中毒等
皮肤疾病	痤疮、单纯性疱疹、带状疱疹、圆形脱发症等
眼科	糖尿病视网膜炎、角膜炎等
生殖/癌症	不孕不育、产后修复；化疗、放疗康复辅助治疗

以氧为养，愉悦你的 40 万亿细胞

编号	功效	说明
01	疲劳恢复	抗抑郁舒缓压力增强体力，缓解运动后疼痛
02	提高睡眠质量	增强记忆力，改善精神状态
03	术后康复	治疗辅助，慢性病调节
04	帮助老弱人群	强身健体
05	促进代谢循环	增强机体调节能力
06	为细胞补氧	修复受损细胞
07	抗氧化抗衰老	提升免疫力
08	血液血管疾病	预防及理疗

微高压氧舱保健作用

- 有助于改善睡眠、缓解疲劳
- 有助于美容光肤
- 有助于缓解醉酒
- 有助于消除吸烟带来的伤害
- 有助于预防心脑血管疾病
- 有助于缓解肺部疾病缺氧
- 有助于提高人体免疫力
- 有助于提高工作效率
- 有助于缓解衰老
- 有助于防止老年痴呆
- 有助于缓解打鼾所致缺氧
- 有助于缓解高原缺氧
- 有助于预防癌症
- 有助于备孕受孕

高压氧舱解酒的原理

步骤	说明
第一步	酒精进入人体后，先分解成乙醛，再进一步分解成二氧化碳和水，这些都需要在有氧条件下完成。
第二步	充足的氧气可加速酒精的分解，将废物排出体外，促进血液循环，消除醉酒、疲劳等状态。
第三步	一般来说，微重状态，在氧舱里休息 60 分钟便能当即恢复；宿醉状态可帮助加速 30%的恢复时间。

身体堵住了是什么样？

预防大于治疗，及时氧疗很重要。

堵塞位置	对应病症
堵在脑子里	脑梗
堵在毛细血管	瘤
堵在淋巴	淋巴结
堵在心里	心梗
堵在甲状腺	结节
堵在肝脏	肿瘤
堵在肾脏	尿毒症
堵在子宫	肌瘤
堵在胸上	乳腺增生
堵在肩颈	颈椎病
堵在腿上	静脉曲张
堵在粘膜	囊肿

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