

MACY-PAN[®]



MACY-PAN[®] 1501
hyperbaric O₂ chamber

HARD TYPE HYPERBARIC
OXYGEN CHAMBER
HP1501

Shanghai Baobang Medical Equipment Co.,Ltd
Shanghai, China

- Home
- School
- Sports Team
- Plateau Area
- Hotel
- Health Center
- Office
- Sports Venues
- Beauty Spa

When do you need Hyperbaric Chamber?



Physical fatigue



Backache



Mental stressed



Body injury



Sports recovery



Hangover



After competitions



Before drinking



Skin aging



Insomnia

OXYGEN ENERGY OF LIFE

Oxygen is an indispensable element to sustain life activities.

The nature of breathing is actually a process of providing oxygen for body. Life will end without oxygen.

Oxygen is the key substance to keep upgrade body immune system.

Oxygen can guarantee the operation of immune system under full-oxygen circumstances when nutrients are converted into energy through cells then supplied to organs.

Oxygen plays a key role in body metabolism which determines metabolic speed and quality.

BENEFITS OF OXYGEN SUPPLEMENT

Generally, there are two categories of oxygen supplement: oxygen therapy treatment and oxygen health care. And we all know that prevention is more overweight than treatment."Tissue and cells will not combined without enough oxygen, which not only the fundamental cause of illness and cancer, but also the reason of the generation of degenerative disease constitution. Hypoxia is one of the clear evidence of immune and degenerative illness. And increasing the oxygenation will enhance the level of health" Otto Warburg said, who has achieved the Nobel Prize twice in Physiology or Medicine .

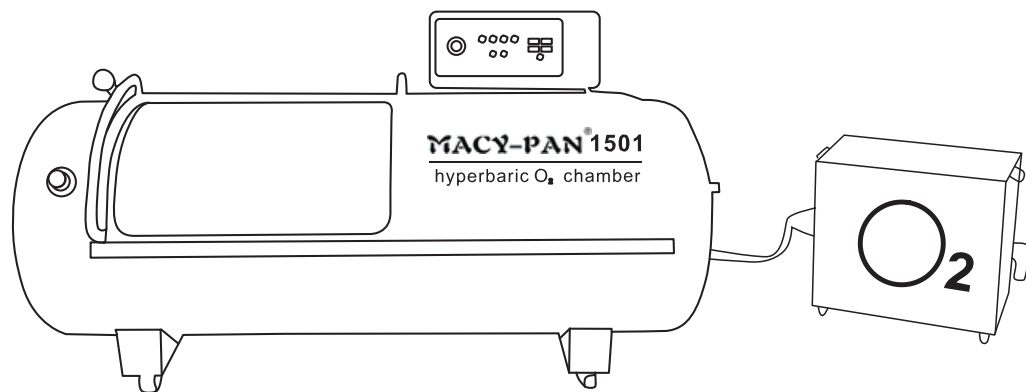
Oxygen affects all body cells. There will be illness if cells are lacking of nutrition or oxygen too long. Therefore, oxygen supplement is just like the supplement of vitamin, which will nurture our cells well and become a good way to prevent illness and maintain health.



Better Health Through HBOT

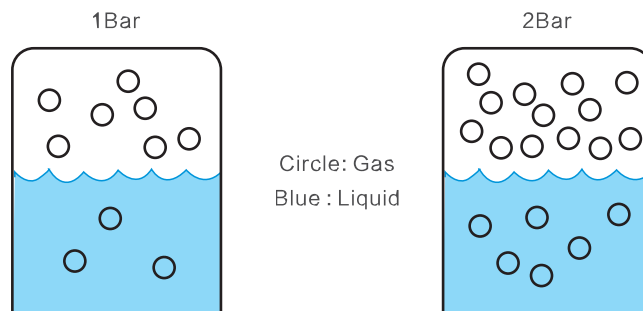
Working Principle Hyperbaric Chamber

Hyperbaric Chamber is combined with one chamber cabin and a motor system machine. Motor system machine is to transport air and high purity oxygen into cabin to realize chamber pressure increasing. Then automatic valves on chamber cabin will control the pressure stable on working pressure. The pressure level is about 1.3–1.5ATA(30–50Kpa). We recommend 60 minutes for each session.

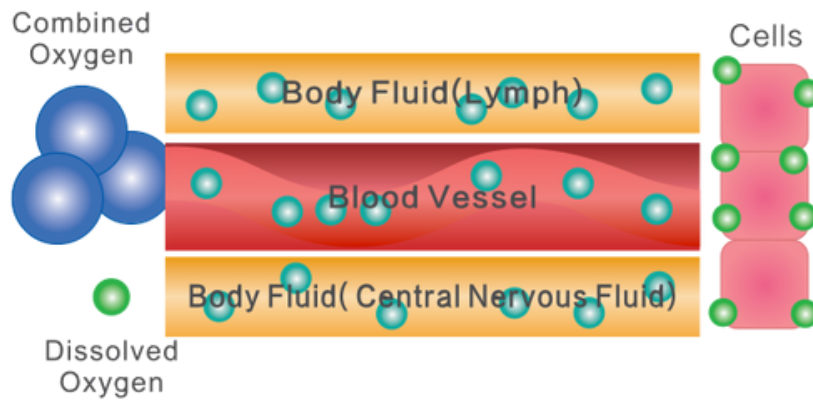


Henry's Law:

"The amount of dissolved gas in a liquid is proportional to its partial pressure above the liquid."



Hyperbaric Oxygen Therapy or Atmospheric Oxygen Therapy?



Oxygen transport can be classified into “combined oxygen and dissolved oxygen” When entering blood, most oxygen will be combined with hemoglobin, then become combined oxygen. Another part of oxygen will be dissolved in plasma directly and physically, then become dissolved oxygen. Therefore, combined oxygen is difficult to pass the narrow vascular wall, while dissolved oxygen is small and can greatly dissolved in blood and fluid under hyperbaric circumstances.

Customers cases from 75 countries



Benefits of Hyperbaric Chamber



For Students

Allaying tiredness and relieve stress

Brain oxygen consumption is about 20%–30% in our whole oxygen usage. Oxygen supplement is good for allaying tiredness and relieve stress. Especially when students prepare their exams, to supplement oxygen can increase blood oxygen content, improve brain cells capability, to help students relieve stress and improve the learning efficiency.



For Plateau Areas

Correct hypoxia quick

Due to the low atmospheric pressure and low oxygen partial pressure in the plateau area, body will get acute or chronic hypoxia. Oxygen supplement can promptly correct the body's hypoxia status and enhance body adaptability to the plateau.



For Elderly

Improve body self-healing ability

The physiological function of middle-aged and elderly people is degraded, oxygen supply of each tissue is insufficient. Therefore, regular and timely supplement of oxygen can make up for the insufficient oxygen supply and improve the self-healing ability.



Eliminate accumulated lactic acid quickly

After exercise, your body will accumulate a large amount of lactic acid. Oxygen supplement can make more cells and mitochondrion get sufficient oxygen supply, and it can also promote the new conversion of lactic acid into glycogen in liver cells and increase lactic acid excreted of kidneys and skin.

Speed up the clearance of blood ammonia

After exercise, the amount of ammonia in blood will increase which is related to the hypoxia. When we supplement oxygen, the liver can use lactic acid as a power to enhance the fatty acid used by whole body, and provide adequate energy to clear the blood ammonia.

Reduce the damage of free radicals to body

When doing sports, the amount of free radicals will increase, supplementing oxygen can help stimulate the activity of $\text{Na}^+ - \text{K}^+ - \text{ATP}$ and reduce the damage by the free radicals. All of these have a great significance on eliminating the sport fatigue and recovering from the sports injury.



For Beauty

Pursuit of excellent beauty

With the growth of age and the influence of natural environment, skin will slowly lose its elasticity and gloss, but supplement oxygen can increase skin nutrition, making the loose skin become more elasticity, and enhancing the metabolic function of cells, which can reduce melanin deposition and improve the skin.

For Office Workers

Improve working efficiency and relieve work pressure

Hypoxia is the cause of all illness, but the result is different from people to people. Such as, tiredness, low working efficiency, fatigue, insomnia and loss of appetite. These illness can not be discovered by the physical or laboratory examination. Supplementing oxygen in the oxygen chamber can increase the blood oxygen partial pressure to different degrees, enhance the blood oxygen diffusion capacity, and thus correct the body's hypoxic state.

Hard Hyperbaric Chamber

SPECIFICATIONS



SPECIFICATIONS

Name	Pressure	Pressure rising speed	Material
Hard Hyperbaric Chamber	1.5ATA(50kPa)	About 10 minutes	Stainless Steel

Composition

- (1) Chamber Cabin; (2) Control system (air and oxygen machine);
- (3) Mattress; (4) Pillow; (5) Air/Oxygen tubes

Optional Components

- Air Conditioning

Application

- one people each time

Name	Size	Weight	Power
HP 1501-75	Diameter750mm*Length2200mm	About 140kg (with pulley)	1500W
HP 1501-90	Diameter900mm*Length2200mm	About 180kg (with pulley)	
Control System	760*420*720mm	About 80kg (with pulley)	
Air Conditioning	580*450*550mm	About 45kg (with pulley)	800W

Chamber Performance

- Time setting: 60-120minutes or no limits, following your option.
- Interphone is available, convenient to communicate between inside and outside.
- With pulley, move easily.
- LED light.
- With operation system both inside and outside, convenient to use.

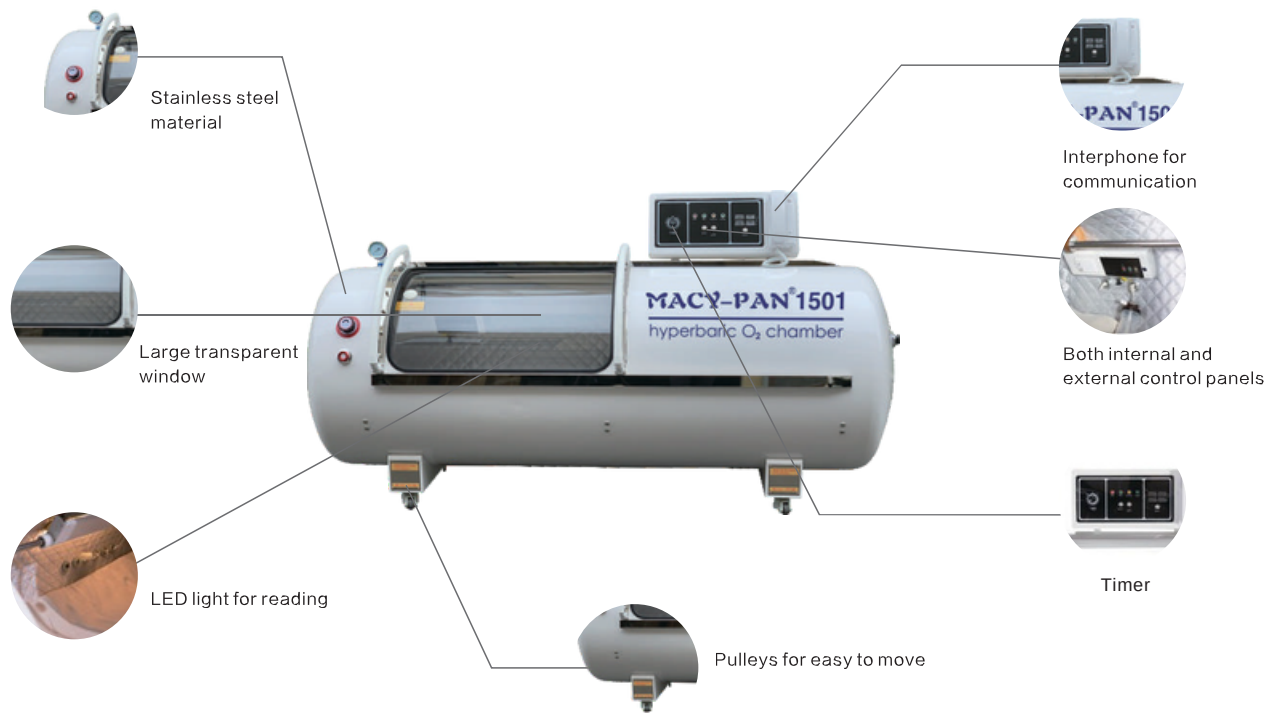
Safety Measures

- Big transparent window
- Emergency pressure relief valve
- Both internal and external pressure gauges
- The operation panel monitors the pressure and oxygen concentration inside the chamber.
- Two automatic valves to keep inside pressure constant.
- Both internal and external pressure relief valves to adjust pressure anytime
- Power-failure alarm system
- Interphone available for communication
- Circulated atmosphere constantly inside the chamber

Precautions

- Pregnant women or patients with infectious diseases,
- Drunk, bad cold or pneumothorax patients,
- Patients who need cardiac pacemaker
- Rhinitis or tympanitis patients
- Hypertension patients(over 160/100MI)
- Severe emphysema patients

HP1501



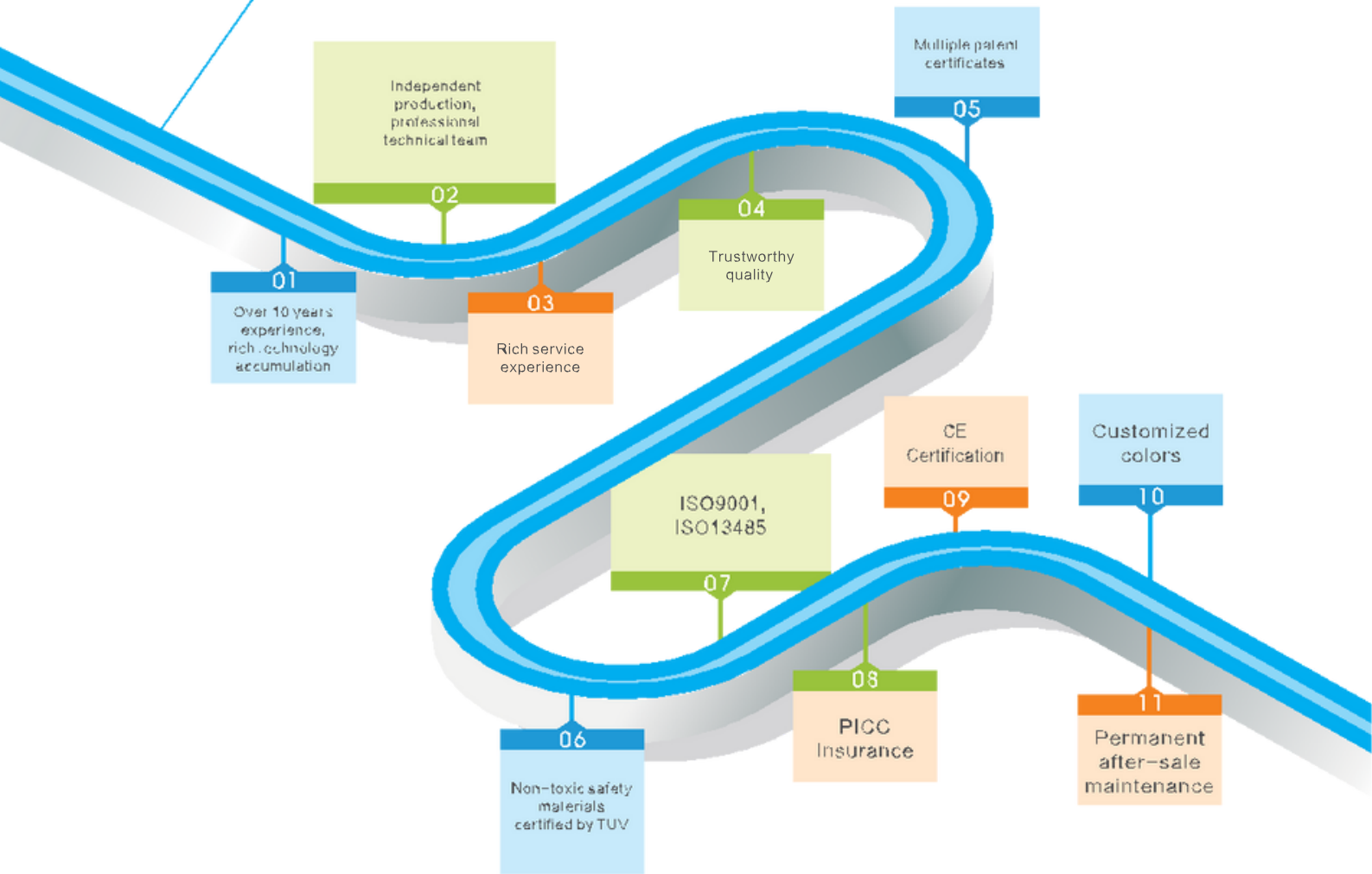
- Inside air is circulating
- Multiple safety measures
- Internal and external pressure relief valves
- 3D high stretch mattress and pillow, ergonomic design, moisture-proof and antibacterial
- Air conditioning is optional to be equipped
- Automatic and easy operation

Design is too boring?

Contact us and customize your own unique chamber



Why choose us ?



CERTIFICATIONS



ISO9001



ISO13485



CE



PICC Insurance



Patent for Invention
Patent NO:ZL201010285814.6



Industrial Design Patent
NO:ZL201630567041.9



Patent for Utility Model



TUV environmental
test report



SHANGHAI BAOBANG MEDICAL
EQUIPMENT CO.,LTD

Contact

Address: Building 15, No.889 Guinan road, Songjiang District, Shanghai, China
Shanghai Boabang Medical Equipment Co.,Ltd

E-mail: rank@macy-pan.com

Http: www.hbotmacypan.com