

First Ecobiological Pressurized High-Density Oxygen Delivery System

ISHIHARA₂ Capsule

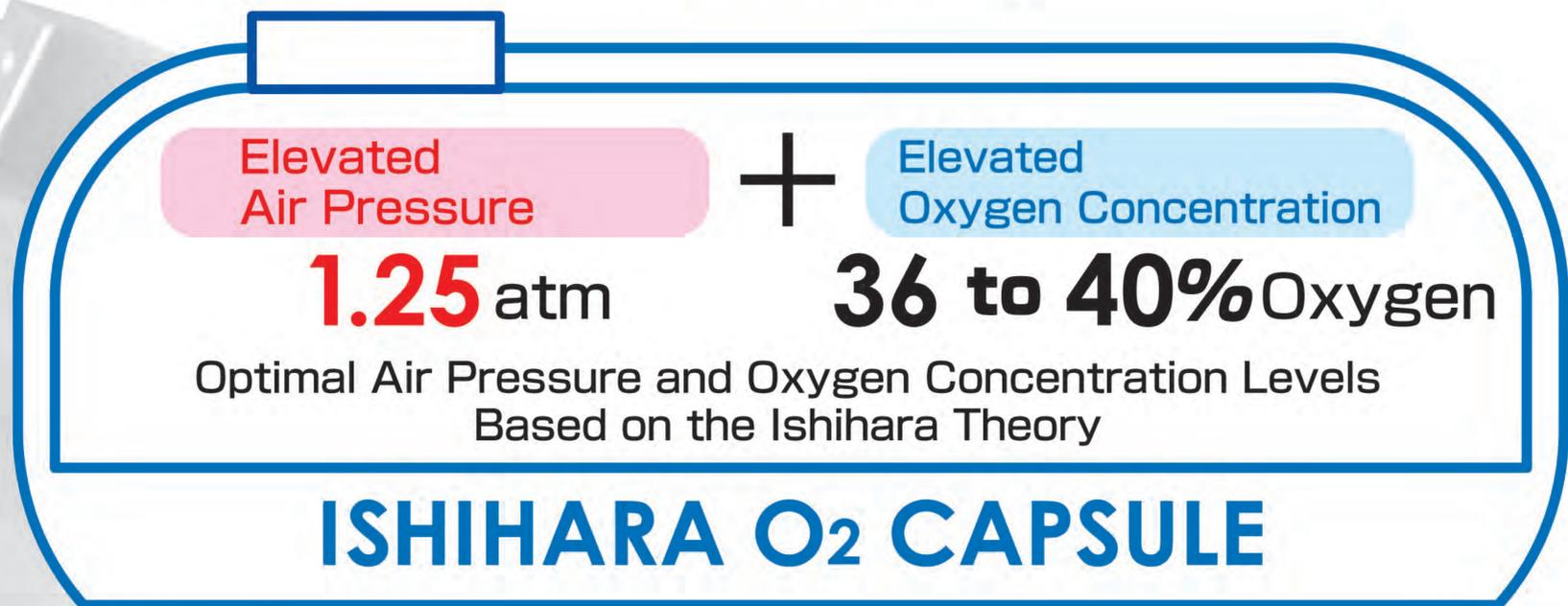
Perfecting the Oxygen Capsule



M02 Corporation, Kumamoto, Japan

What is the Ishihara Oxygen Capsule?

Supplying Bound Oxygen and Dissolved Oxygen to the Entire Body



Why 1.25 Atmospheres?

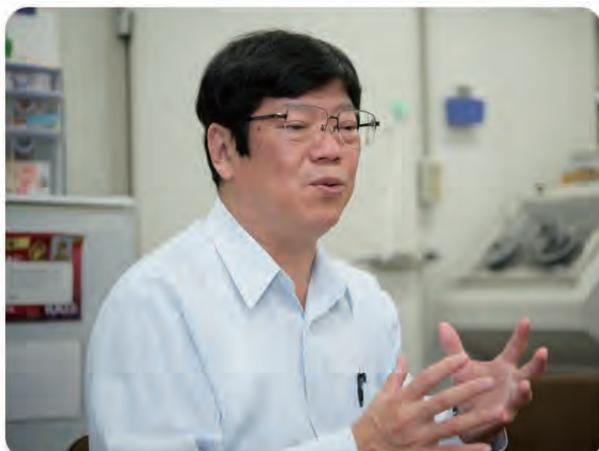
Elevated air pressure is necessary to carry oxygen optimally to the cells of the entire body. Caution is also required, however, because although higher air pressures should theoretically make it easier for oxygen to dissolve in the blood, excessively have an increased risk for damage of the eardrum and barotrauma. damage eardrums and cause barotrauma. For this reason, Air pressure in the capsule is maintained at 1.25 atmospheres.

Why 36 to 40% Oxygen Concentration?

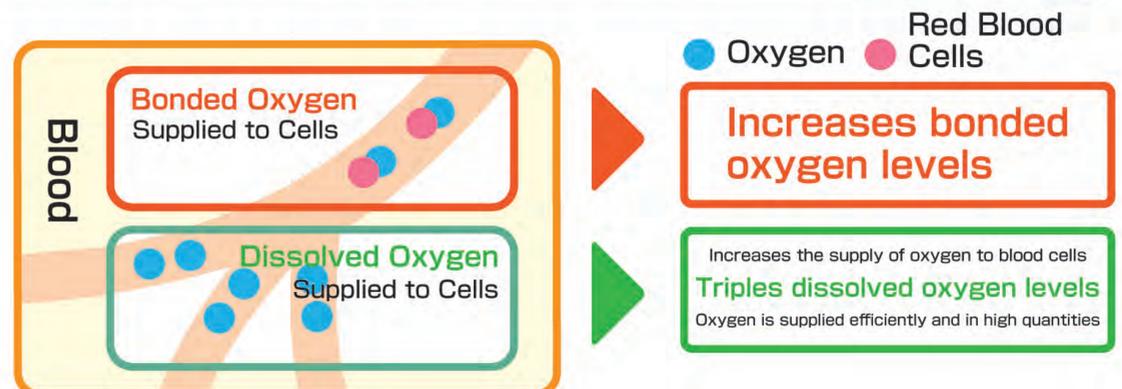
The scientifically defined minimum effective level of oxygen concentration in an oxygen capsule is at least 36%. Research also shows that 40% is the maximum acceptable concentration level. Therefore, oxygen capsules designed for improving the health of users must provide 36 to 40% oxygen concentration to be both safe and effective for the user. An oxygen concentrator helps to increase the oxygen concentration in the chamber.

Ishihara Oxygen Capsules are designed to unlock the maximum potential of the capabilities of the human body.

- ① Increases dissolved oxygen levels
- ② Improves blood flow
- ③ Dilates blood vessels
- ④ Stabilizes autonomous nerve activity



Professor Akihiko Ishihara, Ph.D.
Graduate School of Human and Environmental Studies
Kyoto University, Kyoto, Japan



According to Professor Ishihara's research, oxygen treatment is less effective if the air pressure or oxygen concentration levels are too high or too low. The unique logic guiding the design of the Ishihara O₂ Capsule is to stimulate the cells throughout the body by providing an optimal environment of elevated air pressure and oxygen levels.

Refresh the Cells of Your Body with Oxygen! Ishihara Oxygen Capsules Can Help the Following Types of People

An Invaluable Treatment, the Ultimate in Relaxation

People Worried About Their Health and Vitality

- Overeating, overdrinking, and hangovers
- Stiff shoulders, migraines, and sensitivity to cold
- Feeling unwell for no apparent reason

Usage Examples

Medical facilities • Health promotion facilities • Recreational facilities



People Who Play Sports

- Need exercise
- Before and after playing sports
- Improves concentration

Usage Examples

Sports gyms • Fitness clubs
Osteopathic clinics • Massage parlors



People Undergoing Rehabilitation

- For after-effects of injuries or anesthesia
- Building up strength
- Preventing relapses of illnesses

Usage Examples

Medical facilities • Care and welfare facilities • Osteopathic clinics
Massage parlors



People Under Stress

- People Under Stress
- Wanting to feel refreshed
- Lack of sleep

Usage Examples

Relaxation salons
Employee benefit programs
Preparatory schools • Cram schools



People Who Care about Beauty

- Rough or rapidly aging skin
- Dieting
- Thinning hair/balding

Usage Examples

Beauty salons • Hair salons
Fitness clubs



The Ishihara Oxygen Capsule

The Ishihara Oxygen Capsule consists of three specialized technological devices: the Main Capsule, the Oxygen Concentrator, and the High-Performance Automatic Controller. The oxygen capsule was designed by MO2 Corporation using high dimensional balance, and is being continuously improved with careful consideration paid to each piece of equipment and feature.



Hard Capsule that Opens Fully



The fully-openable, spacious design of the capsule provides the best in comfort, quiet, and ease-of-use for the user. No compromises were made to realize the goals of this design, and the capsule's fiber-reinforced plastic body was developed and manufactured in Japan.

Standard Equipped Oxygen Concentrator



An oxygen concentrator is an essential piece of equipment for any oxygen capsule. The Ishihara Oxygen Capsule comes standard-equipped with an oxygen concentrator built into the controller in order to provide an optimal level of oxygen concentration inside the capsule.

Optimized, Simple Controls



The oxygen capsule has a simple-to-operate LCD touch panel controller. The controller can be used to precision-tune the interior air pressure level by increments of .01 atm, and the automatic controller maintains a pleasant and safe environment inside the capsule.

Built for Safety



To ensure that users can get out of the capsule during an emergency, the capsule's window can be opened and shut from the inside.

Safety Considerations



There is also a touch panel monitor on the inside of the oxygen capsule, which displays relevant info such as air pressure level, oxygen level, and remaining treatment time. Users can reduce the air pressure while inside the capsule and perform other adjustments.

Spacious, Easy-to-Clean Interior



The capsule interior is remarkably spacious. This makes it easy to get in and out of, to air out, change the sheets, and otherwise maintain a clean, hygienic usage experience.

Usability Considerations



The fully-openable capsule is equipped with a latch lever to ensure airtightness. This latch lever is large, so that even a physically frail user can easily operate it.

Even now, Professor Ishihara continues his research to design even more effective oxygen treatment devices.