

# Consumer Oxygen Equipment Market Strategies and Forecasts

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## Abstracts

Worldwide Consumer Oxygen Equipment markets are poised to achieve significant growth. Consumer oxygen markets build on the established medical oxygen markets. Consumer oxygen is still in the trial phase. It is expected to be used by sports teams, to be used in sports clubs, by athletic teams, and in corporate gyms.

Excess of carbon dioxide found in tissue of normal people can be a problem. Carbon dioxide can build up in the body if a person is overweight. Excess carbon dioxide is toxic if there is not enough oxygen to balance the carbon dioxide in the body. There needs to be a balance between the oxygen and carbon dioxide. When there is more carbon dioxide than needed in the body, more oxygen is needed to create a balance, supplemental oxygen is needed.

People who are overweight can build up excess carbon dioxide because every cell in the body creates carbon dioxide. When there are too many cells, the balance between oxygen coming in and carbon dioxide being created in every cell gets off. A lack of balance creates carbon dioxide toxicity in the body. Supplemental oxygen is necessary to create a balance. Oxygen absorbs carbon dioxide and gets the gases inside the body back in balance. When there is an imbalance, the supplemental oxygen is needed, not too much supplemental oxygen, just the right amount.

People do not need too much carbon dioxide nor do they need too much oxygen. You see elite athletes use supplemental oxygen after strenuous exercise because they are tuned to their bodies, they can feel the imbalance of oxygen and carbon dioxide and they can feel the supplemental oxygen cure the imbalance. People who are accustomed to listening to their bodies are able to tell intuitively what is the right balance of carbon dioxide and oxygen.

When a person is overweight, there is not enough oxygen in the lungs and blood hemoglobin to eliminate excess carbon dioxide. Even when the lungs and hemoglobin are working at full capacity, there is not enough oxygen to get rid of the excess carbon dioxide. The use of supplemental oxygen appears to be indicated even when the pulse oximeter gives an entirely normal reading.

Supplemental oxygen equipment markets at \$3.9 million in 2015 are anticipated to reach \$2.8 billion dollars by 2022. Growth is a result of demand for the smaller lighter technology already developed, already on the market, for use by people exercising. The market need by for oxygen generation devices at clubs and gyms is building even as portable devices provide greater mobility support for bike riders, joggers, and older people.

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