

# Oxygen tank vs Concentrator

Due to various modern diseases, people need additional oxygen. This can be provided with oxygen cylinders or oxygen concentrators.

## Oxygen cylinders

Oxygen cylinders are filled with low pressure oxygen, which can be supplied continuously at a specific rate to provide medical oxygen to the patient. These devices are usually mounted on small carts or wheels that allow them to be rolled alongside the patient.

## Advantages

**No electricity required.** One of the most striking advantages of oxygen cylinders is that they use the compressed oxygen they contain. Oxygen cylinders can operate without a battery or electrical outlet as they deliver oxygen at natural pressure. This ensures that the cylinder can supply oxygen until its contents are emptied.

**Reduced start-up costs.** This is a myth, because the patient will have to pay for the rental of an oxygen cylinder and constantly replenish oxygen cylinders, and if he feels better, he will definitely not want to replenish the cylinder just to breathe in excess energy. Oxygen cylinders are the beginning of the oxygen supply.

**Oxygen cylinders are the most common form of oxygen breathing, but not the cheapest.** Initially, yes, it will be cheaper, but if you buy an oxygen concentrator, it will pay off in two to three months, because there will be no charges for the cylinder, refueling, transportation, and besides, a waste of time. The oxygen concentrator can be used to increase sports, work and physical activity. Requires nothing! In addition, the appearance of a hot air balloon in your living space will be unattractive compared to the modern design and small size of our Hub.

## Minuses

**The oxygen cylinder is heavy.** One of the most common disadvantages of oxygen cylinders is their weight and portability. While the balloon cart system is simple, the balloon itself is a bit heavy. This means that lifting the cylinder - for example, to place it in a car or to climb stairs - can be difficult due to the weight of the device.

Oxygen cylinders contain a limited amount of oxygen and must be refilled or replaced when the cylinder is empty.

**Higher costs over time.** Because oxygen cylinders need to be refilled or replaced frequently, their initial low cost increases many times over time in the long term.

## Oxygen concentrators

Unlike an oxygen cylinder, which delivers oxygen under its own pressure, oxygen concentrators use a filtration system to remove oxygen from the ambient air, compress it and convert it to oxygen according to medical quality standards, and then deliver it to the patient. These devices are available as stylish devices for the home, as well as designer models for moving and traveling.

## Oxygen concentrator advantages

**Unlimited oxygen.** The ability of oxygen concentrators to continuously draw in and process air ensures that, unlike oxygen cylinders, the concentrator never runs out of oxygen. It is often cited by customers as one of the best features of oxygen concentrators.

**Easy.** Oxygen concentrators are considerably lighter and more portable than most oxygen cylinders. In fact, many oxygen concentrators, such as the Solano Piccolo Plus, are designed to be carried in a backpack or side bag for maximum convenience.

**Great versatility. Practical.** Oxygen concentrators are available in a wide range of sizes, models and styles, and each is designed to suit the individual requirements of each user. While oxygen cylinders are basically the same, Concentrators offer a wider variety of choices to ensure you get exactly what you need.

**Initial costs.** Although oxygen cylinders often need to be refilled or replaced, oxygen concentrators use ambient air and therefore do not require long-term maintenance costs as opposed to cylinder costs. All costs for your hubs will be determined at the time of initial purchase.

**Design.** Our oxygen concentrators have a modern design that enhances your living space and makes the process a pleasure.

**You need energy.** The oxygen in the cylinder may run out and not easy to fill, just as the battery in an oxygen concentrator may run out, but getting electricity and recharging the battery will be much easier than filling the cylinder.

**Moderately noisy.** Oxygen concentrators collect oxygen from the air, then filter and compress it. This process can often be a little noisy. Our modern hubs are very quiet and are designed to reduce this noise to a barely noticeable level.

**Conclusion.** We choose an oxygen concentrator instead of an oxygen cylinder because it has lower cost, better appearance and greater practicality. Buying a hub is also much easier. For home use, we recommend the five liter Solano Lumino.

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