

Your ShopRotech Guide to

Portable Oxygen Concentrators

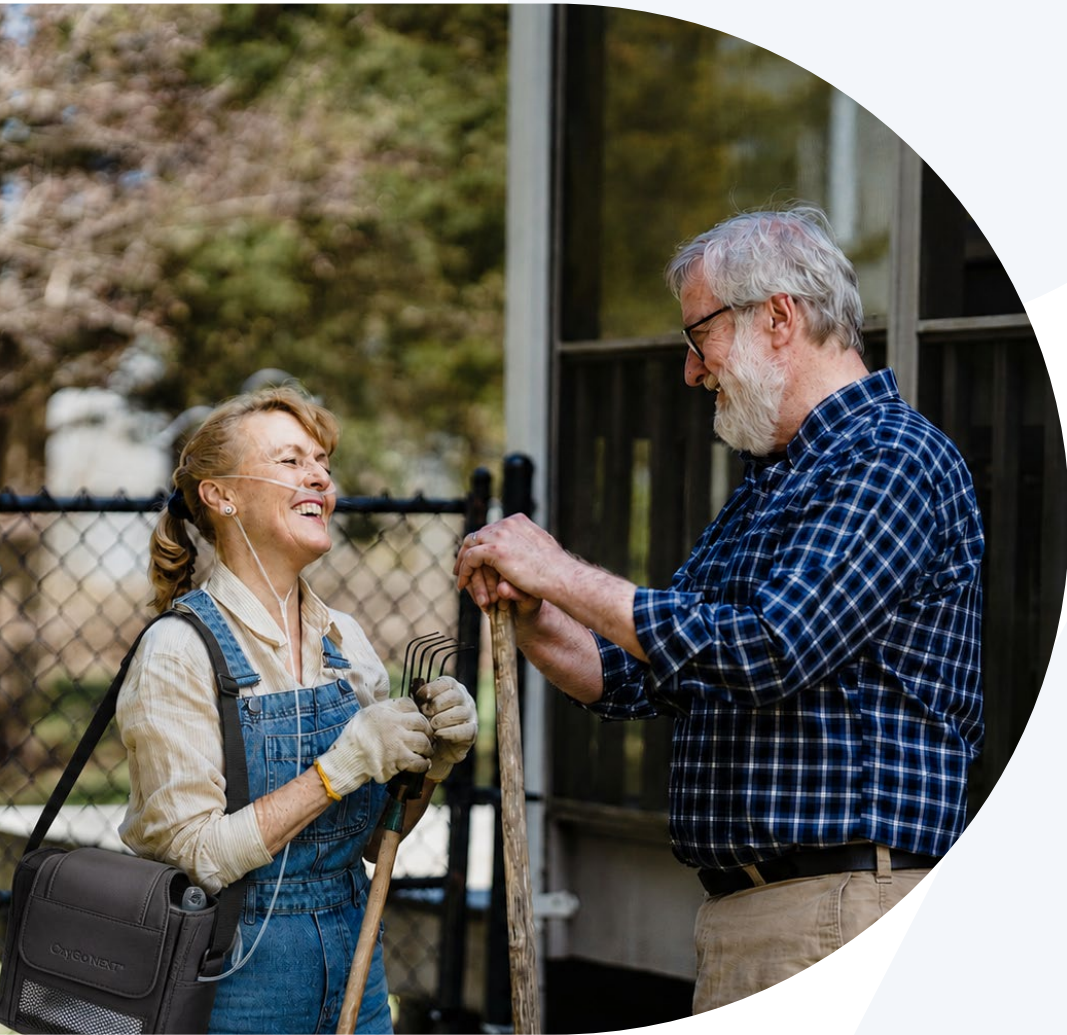
Introduction	2
Portable Oxygen Concentrators (POCs) Explained	3
How Do POCs Work?	4
Types of POCs	4
Pulse Dose Portable Oxygen Concentrators	4
Continuous Flow Portable Oxygen Concentrators	4
Prescriptions for POCs	4
What to Consider When Choosing POCs	5
Choosing the Right POC for Your Lifestyle Chart	7
ShopRotech's Top Portable Oxygen Concentrators	
OxyGo NEXT™ Portable Oxygen Concentrator	9
CAIRE FreeStyle® Comfort® Portable Oxygen Concentrator	10
Rhythm Healthcare P2™ Portable Oxygen Concentrator	11
Rhythm Healthcare P2-S4 Portable Oxygen Concentrator	12
Side-by-Side: ShopRotech POC	13
About Rotech	14



Introduction

Choosing the right portable oxygen concentrator (POC) can make a real difference to the user's quality of life by increasing mobility, freedom, and independence. There are many different POC options to fit the oxygen requirements and lifestyle of each oxygen therapy patient.

If you or someone you love is considering a portable oxygen concentrator but isn't sure where to begin, ShopRotech is here to help. In this guide, you'll learn about the basics of POCs and key buying considerations, so you can find a POC that fits seamlessly into your therapy and everyday life. You can also explore ShopRotech's recommended POCs and easily compare their features and functions.



Portable Oxygen Concentrators (POCs) Explained

Portable oxygen concentrators (POCs) are small medical devices designed to provide supplemental oxygen to people with respiratory conditions that can cause low blood oxygen levels, such as Chronic Obstructive Pulmonary Disease (COPD), emphysema, pulmonary fibrosis, congestive heart failure, sleep apnea, and many others.

If you're on oxygen therapy, a POC can help improve your quality of life, keep your energy levels up, and make it possible to go about daily activities without getting short of breath. Portable and battery-powered, a POC can give you your mobility back, allowing you to travel, exercise, and live your life to the fullest.



How Do POCs Work?

POCs take in ambient air and use a filtration system to separate and concentrate the oxygen. The user then inhales air with a much higher oxygen concentration (typically over 90%) through a nasal cannula or an oxygen mask.

Unlike standard home oxygen therapy, POCs take and concentrate oxygen from the surrounding air, so there's no need to refill a tank and no worry of it running out. As long as there's power, they'll deliver oxygen when it's needed.

Types of POCs

There are two main types of portable oxygen concentrators:

Pulse dose (PD) concentrators

release oxygen only upon inhalation, matching the user's natural breathing pattern. These units are usually small, lightweight, and energy efficient, making them ideal for active users and those who travel regularly.

Continuous flow (CF) concentrators

provide a steady stream of oxygen regardless of the user's breathing pattern. These are frequently used by people who require oxygen while sleeping or have higher oxygen demands. CF units tend to be larger and heavier than PD units, and they use more energy.

Prescriptions for POCs

You'll need a prescription to buy a POC. Your doctor will specify the required flow rate and whether you need a PD or CF concentrator. Most POCs have adjustable settings to dial in the correct rate for your prescription.

What to Consider When Choosing a POC

Here are the key points to look for when shopping for your POC:



Oxygen Delivery

It's critical to choose a POC that can deliver oxygen to the flow level (LPM or liters per minute) and concentration percentage (%) you need.

Size and Weight

A small, lightweight POC is beneficial for users who are often on the move. A larger, heavier POC may offer a higher flow rate and longer battery life, though this may come with reduced portability.

Travel

Small, lightweight devices are easy to travel with, both locally and out of town. For air travel, look for a POC that's FAA-approved for use in-flight, as well as a travel bag or case to protect it during transit.

Noise

If you use your device at night or in other quiet environments, opt for a POC with a low noise rating. Most POCs operate between 30–40 decibels (dB), quieter than a typical conversation (60–70 dB) and similar to a human whisper (roughly 30 dB).

Battery Life

Choose a POC with sufficient battery life to suit your needs. Batteries are typically rated in hours at a given pulse dose setting and come in small to large sizes (e.g., Standard, Intermediate, or Extended), which vary by manufacturer. Larger batteries provide more usage.

Tip: For additional battery coverage, purchase a spare battery or car charger.

What to Consider When Choosing a POC

Here are the key points to look for when shopping for your POC:



AC/DC Power Supply

Most POCs are powered by 120 volts (V) of AC. Devices that can be charged from both a wall outlet and a DC vehicle adapter offer more flexibility during travel or power outages. International travelers should opt for a device that supports international voltages (typically 100–240V).

Price

Functionality, battery type, warranty, and other features can impact the price of a POC, which typically ranges from \$1,500 to \$4,000. Think about the functions and features you must have, versus those you'd like to have and those you could go without.

Tip: Sometimes, paying more for better battery life or warranty coverage saves you money over time.

Warranty

A long warranty can provide peace of mind and device protection. Warranties typically start at three years for devices and one year for batteries. Some manufacturers offer extended coverage options.

Ease of Use

Choose a device with big buttons, simple controls, and a large screen for easy use. Many POCs also offer apps, Bluetooth connectivity, and other functionality to fine-tune the experience.

Talk With Your Providers

It's important to consult with your care provider to understand your prescription and the type of POC you need, as well as your health insurance provider to determine if you have coverage options for a POC purchase.

Don't hesitate to contact ShopRotech with questions – we'll be happy to assist you in your purchasing journey!

Choosing the Right POC for Your Lifestyle

1

Frequent Travelers

Low weight

FAA-approved

Long battery life

Carry case or strap

120 – 240V charging

AC/DC charging

Sturdy build

Extended warranty

2

Active Users

Low weight

Long battery Life

Carry case or strap

Simple operation

Spare batteries

Compact size

3

Home-based Users

Functionality

Simple operation

Standard battery

Dual mode

Quiet operation

High oxygen %
and LPM rating

4

High-flow Needs

Functionality

Dual-mode

Standard battery

Extended warranty

Stable oxygen
concentration

High oxygen %
and LPM rating

5

Battery Priority

Long battery life

Spare batteries

120 – 240V charging

AC/DC charging

ShopRotech's Top Portable Oxygen Concentrators



OxyGo NEXT™

Perfect for:

Frequent Travelers

Active Lifestyles

The OxyGo NEXT™ is a compact, lightweight POC built for active lifestyles.

Weighing only 4.7 pounds with a single battery, it's travel-ready and easy to carry. Designed for 24/7 use, it delivers up to 13 hours of battery life* and recharges in just 3–6 hours using AC or DC power. Stay connected with the My OxyGo mobile app for real-time stats, whether traveling, running errands, or relaxing.

*With the double battery (16-cell) at flow setting 1

Key Features:

 Lightweight

 Quiet

 Compact

 Feature-Packed

 Long Battery Life



CAIRE FreeStyle® Comfort®

Perfect for:

Everyday Use

High-flow Needs

The CAIRE FreeStyle® Comfort® is a lightweight, ergonomically designed POC made for everyday use and high mobility. It features a curved shape that contours to your body for a discreet, comfortable fit.

Smart technology adjusts to your breathing rate and can deliver up to 1,050 mL of oxygen per minute. At just 39 dB on setting 2, it offers quiet operation, while the myCAIRE mobile app provides added support wherever you go.

Key Features:

 Lightweight

 Quiet Operation

 Ergonomic Design

 Smart Tech

 Long Battery Life



Rhythm Healthcare P2™

Perfect for:

Frequent Travelers

Active Lifestyles

The Rhythm Healthcare P2™ is a compact, lightweight POC designed for both travel and everyday use.

At just 4.37 pounds, it's one of the lightest POCs available. Despite its small size, it delivers reliable pulse dose therapy with five settings and oxygen concentrations of 87%–96%. Support for external batteries and accessories offers added flexibility, while intuitive controls and a large display make operation simple.

Key Features:

 Lightweight

 Simple Operation

 Compact

 Lots of Available Accessories

 Easy to Store



Rhythm Healthcare P2-S4

Perfect for:

Travelers With High-flow Needs

The Rhythm P2-S4 provides dependable, high-flow oxygen therapy in an ultra-lightweight design. Weighing just 3.3 pounds with a standard battery, it offers four flow settings and a high-efficiency sieve bed for reliable, clean oxygen delivery.

Users can enjoy more than seven hours of battery life,* an easy-to-read LCD screen, AC/DC adapters, and an external charger for added convenience.

*With the extended battery at flow setting 1

Key Features:

 Lightweight

 Simple Operation

 Consistant Oxygen Delivery

 Long Battery Life

	OxyGo NEXT™	CAIRE FreeStyle® Comfort®	Rhythm Healthcare P2™	Rhythm Healthcare P2-S4
Price	\$2,349.00	\$2,595.00	\$2,995.99	\$2,974.00
Weight	4.7 pounds (standard 8-cell battery) 5.7 pounds (16-cell battery)	5 pounds (standard 8-cell battery) 6 pounds (16-cell battery)	4.3 pounds (with battery)	3.3 pounds (standard battery) 4.0 pounds (intermediate battery) 4.4 pounds (extended battery)
Battery	Up to 6.5 hours (standard 8-cell battery at setting 2) Up to 13 hours (16-cell battery at setting 1)	Up to 8 hours (standard 8-cell battery) Up to 16 hours (16-cell battery at setting 1)	Up to 5 hours (at setting 1)	Up to 2.5 hours (standard battery at setting 1) Up to 7.2 hours (extended battery at setting 1)
Noise	38 dB (at setting 2)	39.9 dB (at setting 2)	38 dB	40 dB (at setting 2)
Manufacturer	OxyGo	CAIRE	Rhythm Healthcare	Rhythm
SKU	1400-3000	AS200-1	P2	P2-S4
Warranty	5 years (unit); 1 year (battery)	3 years (unit); 1 year (battery)	5 years (unit); 1 year (battery)	3 years (unit); 1 year (battery)
Dimensions	3.26" W x 7.19" L x 8.15" H (includes standard battery)	7.3" W x 3.1" L x 10" H (includes standard battery)	8.7" L x 3.4" W x 6.3" H	6.2" L x 3.4" W x 6.7" H (includes standard battery)
FFA Approved	Yes	Yes	Yes	Yes
Oxygen Flow	Pulse Dose Setting 1–6	Pulse Dose Setting 1–5	Pulse Dose Setting 1–5	Pulse Dose Setting 1–4
Key Features	- Modern, convenient design - Quiet operation - My OxyGo mobile app	- Curved design - Smart oxygen delivery adjusts to your breathing - myCAIRE mobile app	- Lightweight design - Balanced safety and performance combo - Easy-to-read LCD	- Easy-to-read LCD - Durable build for travel reliability - Quiet, discreet unit



Get the medical equipment you need today.

Rotech Healthcare is committed to helping patients breathe easier, sleep better, manage diabetes, and heal faster at home. Our services include home respiratory and medical equipment, sleep apnea therapy, diabetes management, and advanced wound care solutions — all designed to improve your quality of life and empower you to take charge of your health at home.

Call now

And let our dedicated team help you
get the equipment and care you need!

1-866-335-2955