Eclipse 5®

Smart technology to ensure saturation

CAIRE®
O_2 is what we do.

All devices are variable in delivering consistent volumes of oxygen. The volume, timing of delivery in the first half of inspiration, and purity all contribute to effective oxygenation. Eclipse 5, the most clinically-advanced transportable oxygen concentrator, offers continuous and pulse dose oxygen delivery to address a wide variety of patients' needs. With powerful air separation technology to deliver up to 95% oxygen purity, the Eclipse 5 also offers proprietary features to ensure saturation:

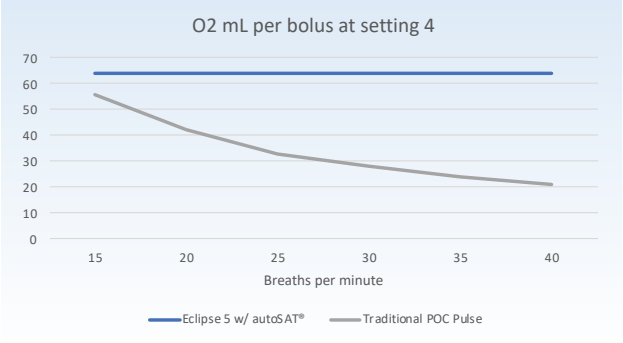
- autoSAT automatically adjusts the delivery of oxygen to the patient's breathing rate
- UltraSense breath detection and adjustable rise time ensure consistent timing of oxygen delivery

autoSAT®: Clinically Proven Oxygen Delivery.

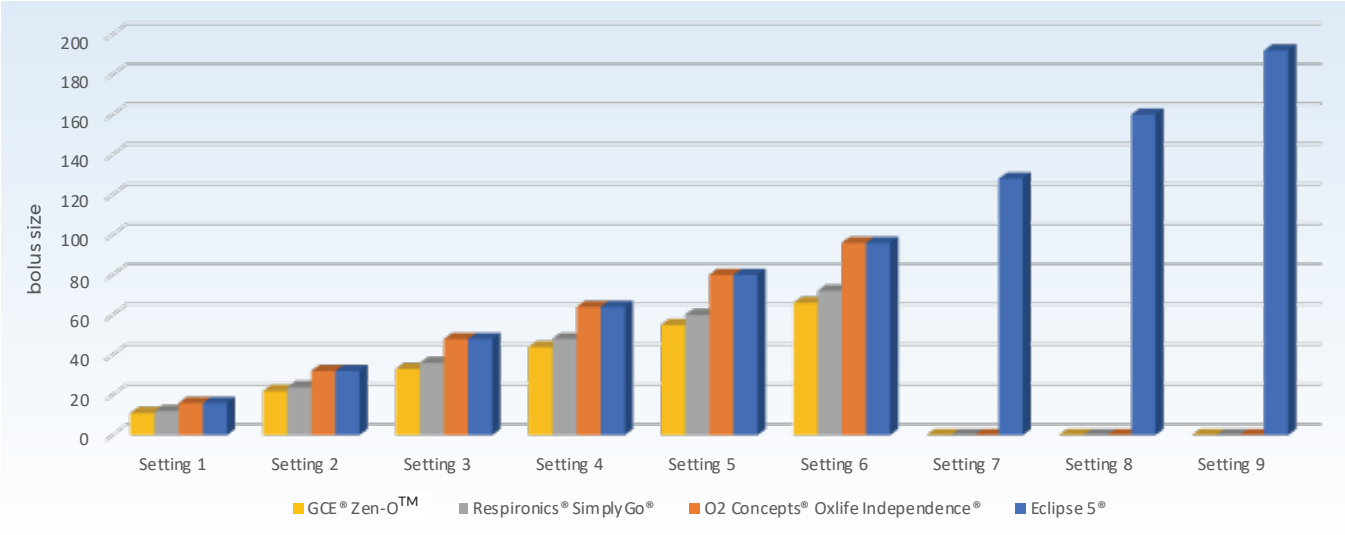
Most portable oxygen concentrators (POCs) deliver a decreased bolus size as the patient's breath rate increases. To compensate with those devices, the user would need to manually increase the setting on the POC to ensure they receive enough oxygen during activity.

The Eclipse 5's unique design includes CAIRE's proprietary autoSAT technology, which maintains a consistent pulse dose volume for every breath as the patient's respiratory rate changes.

- Designed to ensure the prescribed dosing is maintained throughout delivery
- Proven to maintain a patient's mean oxygen saturation (SpO2) over 90% during exertion at any setting, enhancing the patient's ability to sustain an active lifestyle for improved overall physical and mental health[1]



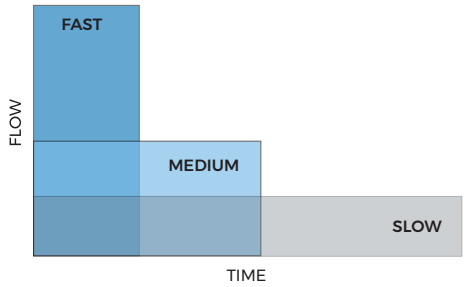
The Eclipse 5 delivers the largest oxygen bolus compared to competitive devices.



Adjustable Rise Time.

Adjustable rise time allows for longer or shorter oxygen delivery time, providing the same bolus of oxygen volume and accommodating a greater patient population. The Eclipse 5 offers three different settings to provide increased patient comfort and address the oxygen needs of different disease states.

Adjustable Rise Time Options



- Fast setting: offers quick delivery
- Medium setting: offers slower delivery of the same bolus of oxygen
- Slow setting: mimics continuous flow by delivering the bolus of oxygen over a longer period of time

UltraSense® with Adjustable Pulse Sensitivity.

UltraSense is CAIRE's proprietary technology for sensitive breath detection—helping to ensure patients receive oxygen when needed.

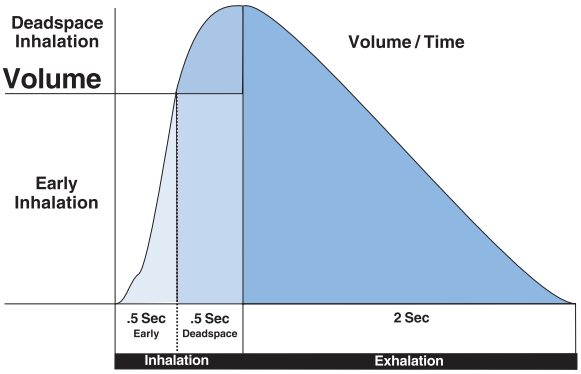
- Adjustable Pulse Sensitivity allows pulse mode to be used by a wider variety of patients, including patients with weak inspiratory effort who can use a more sensitive setting for more comfortable use
- Provides quick and reliable oxygen delivery in the "golden third" of inhalation with the most advanced trigger sensitivity on the market today

Why is sensitivity important?

The first phase of a patient's inhalation is essential for the gaseous exchange in the alveoli, known as the "golden third" of inhalation. High sensitivity is key to proper oxygen delivery within that early phase of inhalation. A delay in oxygen delivery impedes oxygen absorption and gaseous exchange in the lungs, which can cause the patient to desaturate.[2]

Patients may experience an 11% drop in SpO2 with a Pulse Dose Oxygen Concentrator Device (PDOCD) due to inadequate triggering sensitivity settings.[3]

Volume / Time Curve



1. A Comparative Study of 3 Portable Oxygen Concentrators During a 6-Minute Walk Test in Patients With Chronic Lung Disease Respir Care. LeBlanc C, Lavallee L, King J, Taylor-Sussex R, Woolnough A and McKim D. 2013;58(10):1598 –1605.
2. Effect of the Anatomic Reservoir on Low-Flow Oxygen Delivery Via Nasal Cannula: Constant Flow Versus Pulse Flow With Portable Oxygen Concentrator. Steven Zhou and Robert Chatburn. Respir Care 2014;59(8):1199 –1209.
3. Nocturnal Oxygenation Using a Pulsed-Dose Oxygen-Conserving Device Compared to Continuous Flow. Chatburn R, Lewarski J and McCoy R. Respir Care 2006;51(3):252–256.

Find out more about Eclipse 5 and accessory products at **eclipseoxygen.com**