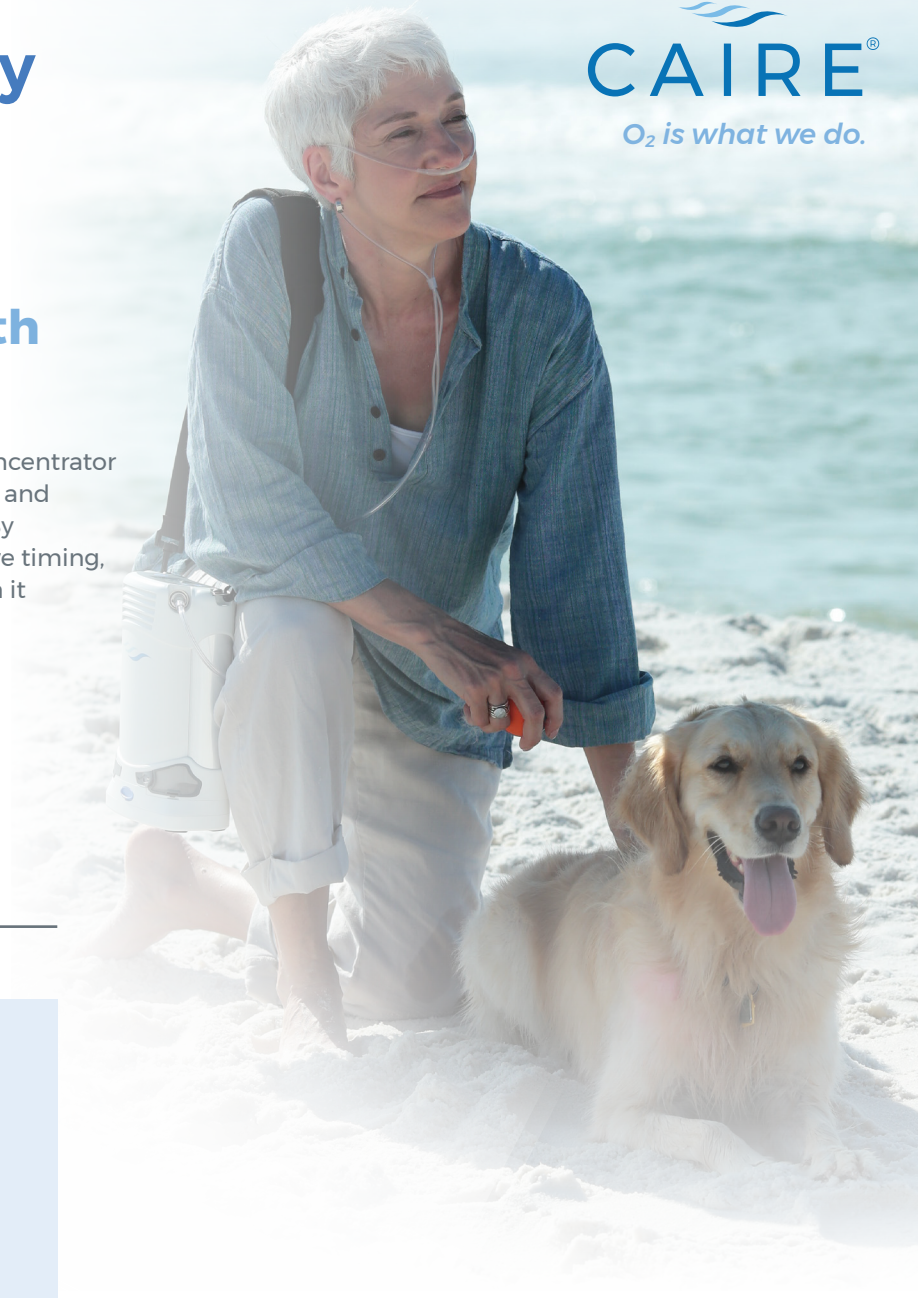


# Smart Technology for Real Life

## FreeStyle® Comfort® Delivers Confidence with Every Breath

CAIRE's FreeStyle® Comfort® portable oxygen concentrator combines two advanced technologies, autoSAT® and UltraSense®, to deliver smarter oxygen therapy. By adapting to every breath and ensuring responsive timing, patients receive precise oxygen where and when it matters most.



### Timing Is Everything

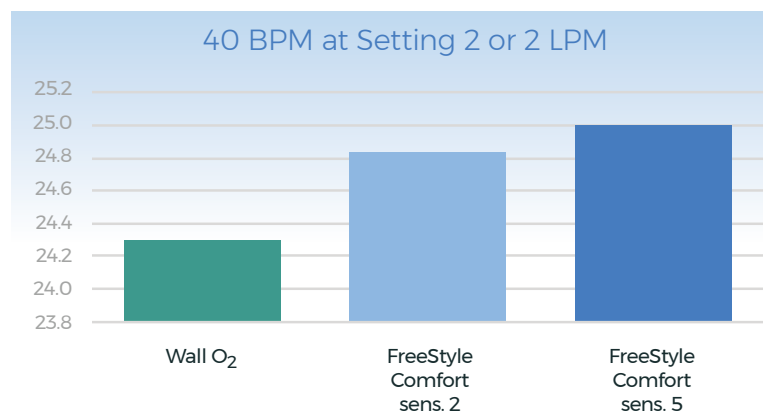
**Challenge:** At higher breath rates, many POCs and even wall oxygen may struggle to maintain oxygen delivery.



### autoSAT®: Oxygen Delivery You Can Count On

The FreeStyle Comfort'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.

- Automatically adjusts to maintain prescribed dose even as breath rates rise.
- Clinically proven to keep oxygen saturation (SpO<sub>2</sub>) over 90% at any setting during exertion.<sup>1</sup>
- Bench study shows higher FiO<sub>2</sub> vs. wall oxygen at high breath rates.<sup>2</sup>



# UltraSense®: Smarter, Faster Breath Detection

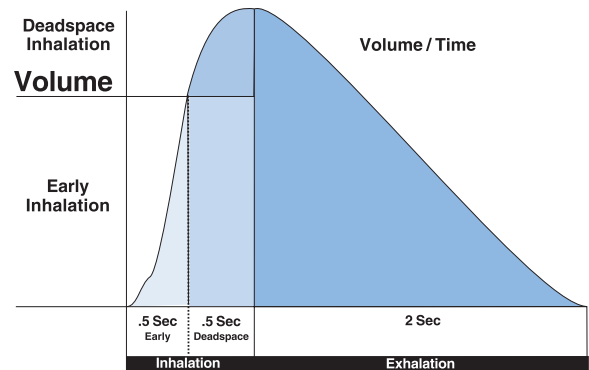
UltraSense is CAIRE's proprietary sensitive breath detection technology—ensuring patients receive oxygen when needed, even when exhibiting shallow or mouth breathing.

- Quickly and reliably detects weak or low-volume breaths.
- Delivers oxygen in the “golden third” of inhalation where oxygen absorption is highest.<sup>3</sup>
- One of the most advanced trigger sensitivities on the market today.

## Why is sensitivity important?

High sensitivity is key to proper oxygen delivery within that early phase of inhalation – the “golden third.” A delay in oxygen delivery impedes oxygen absorption and gaseous exchange in the lungs, which can cause the patient to desaturate.<sup>3</sup>

## Volume/Time Curve

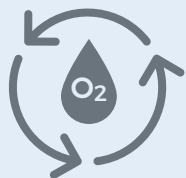


## The autoSAT® and UltraSense® Advantage

With autoSAT and UltraSense, the FreeStyle Comfort empowers patients to stay active and confident, knowing they will receive the right oxygen dose at the right time – whether at rest or on the move.

### autoSAT® ADAPTS AUTOMATICALLY

Delivers consistent bolus even as breathing speeds up.



### UltraSense® DETECTS EVERY BREATH

Triggers reliably – even with shallow or weak breaths.



### OPTIMAL TIMING

Early delivery supports more oxygen reaching the alveoli.

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. FreeStyle Comfort with autoSAT delivered higher FiO2 than wall oxygen at 40 bpm on setting 2, sensitivity 5 (25.0%, p<0.01). At sensitivity 2, FiO2 was also higher (24.8% but not clinically significant. Results varied for other bpm and settings. As reported by Gardenhire, DS, Murray RB, Gardenhire RE, Brandenberger KJ, Zavorsky GS. “Comparison of Portable Oxygen Concentrators and Inspired Oxygen Levels in a Model of Respiratory Failure”. Georgia State University, Atlanta, GA, USA. Funded by CAIRE Inc. Published in Pulm Ther. 2025. doi:10.1007/s41030-025-00314-1.
3. 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.

SEE PRODUCT WARRANTY STATEMENT FOR COMPLETE INFORMATION.  
Please consult the applicable product instructions for use for product indications, contraindications, warnings, precautions, and detailed safety information.