



# Zen-O™

## PORTABLE OXYGEN CONCENTRATOR

GIVE YOUR PATIENTS MORE FREEDOM WITH MOBILE OXYGEN ON DEMAND

BROCHURE FOR HOME OXYGEN PROVIDERS

**GCE**<sup>®</sup>  
Healthcare

SIMPLE. PORTABLE. DEPENDABLE.

# MAXIMISE YOUR PATIENT'S INDEPENDENCE AND PEACE OF MIND

Help your oxygen patients to live their lives more independently with the Zen-O™ portable oxygen concentrator from GCE Healthcare.

Zen-O™ will enable most of your patients to live an active lifestyle.

Zen-O™ will also help ease any anxieties some patients might have about being left without supplementary oxygen.

## **Pulse and Continuous flow**

We've worked hard to make sure Zen-O™ delivers oxygen to your patients when and where they need it most.

Zen-O™ gives patients the choice of either pulse or continuous flow rates at up to 2 litres per minute of oxygen produced.

Your business will also benefit, as Zen-O™ enables you to meet the oxygen needs of most of your patients.



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## DESIGNED FOR PATIENTS



Zen-O™ is a best in class portable oxygen concentrator with pulse and continuous oxygen delivery modes for active patients requiring oxygen therapy.

Zen-O™ features Rate Response Therapy (RRT) that automatically adjust the flow of oxygen to the patient's needs.

### **Rate Responsive Therapy™ (RRT)**

Zen-O™ delivers up to 2 litres of oxygen per minute in response to the patient's need. Unlike other devices that deliver a fixed amount of oxygen, Zen-O™ automatically increases the amount of oxygen delivered if a patient's breath rate rises.



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## LOW COST TO OXYGEN PROVIDERS

While Zen-O™ delivers freedom, choice and peace of mind to patients, home oxygen providers will find it easy to maintain and so the cost of ownership is low.

### **NO WAITING OR RETURNS**

When the sieve bed needs to be replaced, there's no need to incur costs by sending it back to GCE Healthcare or an authorised distributor for maintenance. Best of all, your patients don't have to wait for its return.

The design means your trained staff can use simple tools to carry out basic maintenance, such as replacing the sieve bed. It just takes a few minutes.

After the sieve bed has been successfully replaced, Zen-O™ can be updated using a combination of buttons on the display.

Our global presence and robust supply chain means replacement parts and accessories are readily available.



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## FLEXIBILITY TO GO WITH THE FLOW



Weighing just 4.66kg (10.25lbs) the Zen-O™ offers lightweight portability, which means patients can carry on with their lives unrestricted.

With its intuitive buttons and clear LCD display, many of your patients will find the ultra-reliable Zen-O™ simple to operate in all kinds of environments.

### ONE SOLUTION

Zen-O™ comes with everything most patients need to remain mobile, including an unobtrusive carry bag, functional pull cart, handy DC and AC power cords, a user manual and quick reference guide that are easy to understand.

Your device will include a re-chargeable lithium-ion battery for use away from home. Zen-O™ can hold up to two batteries that can last up to eight hours in pulse mode.

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## BUILT TO LAST

Manufactured with pride and to the highest standards, Zen-O™ will perform so quietly, reliably and unobtrusively, your patients will hardly know it's there.

Zen-O™ portable oxygen concentrator is supplied with a three year device warranty or 15 000 hours of total use for extra assurance.

Zen-O™ is built using carefully selected components and accessories. It's designed to withstand everyday use and an internationally recognised testing facility has independently tested and assessed it to extensive and exacting standards.



# FEATURES AND BENEFITS



## **SIMPLE AND EASY TO USE**

Zen-O™ is designed with patients in mind, it is simple to use with intuitive button operation and LCD display.

## **DUAL FLOW MODE**

Zen-O™ offers patients the best of both worlds. Patients can alternate between continuous flow and pulse mode oxygen therapy.

## **ECO MODE**

The Eco Mode feature allows users to switch the operation of the device from delivery a fixed pulse of oxygen at each inhalation when in pulse mode, to a fixed volume of oxygen per minute to allow for longer battery duration.

## **AUTO MODE**

The Auto-mode feature activates after 60 seconds if no breath is detected, the device will automatically deliver pulses at a rate of 18 breaths per minute to the user. This feature allows users to continue receiving some oxygen if the cannula is dislodged.



## **EASILY REPLACEABLE SIEVE BEDS**

Zen-O™ has been designed with sieve beds that can be replaced easily by most homecare providers without the need to return the device to a distributor.

## **RATE RESPONSE THERAPY**

Zen-O™ features Rate Response Therapy (RRT) that automatically adjust the flow of oxygen to the patient's needs.

## **DURABLE AND RELIABLE**

Zen-O™ is rugged and is supplied with a 3 year warranty or 15 000 hours of total use, giving you the assurance of quality and reliability.

## **MANUFACTURED TO HIGH STANDARDS**

Zen-O™ is manufactured to the exacting standards of the European Medical Directive and United States Food and Drug Administration.

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# TECHNICAL SPECIFICATIONS

<b>Size (W×D×H):</b>	212 mm × 168 mm × 313 mm (8.3" × 6.6" ×12.3")
<b>Weight:</b>	4.66 kg (10.27 lbs) with one 12 cell battery
<b>Power requirements:</b>	AC adaptor: 100-240V AC (+/- 10%) 50-60 Hz in, 24V DC, 6.25A out DC adaptor: 11.5 - 16V DC in, 19V, 7.9A out
<b>Purity:</b>	87% - 96% at all settings
<b>Maximum oxygen discharge pressure:</b>	20.5 psi
<b>Inspiratory trigger sensitivity:</b>	-0.12cm/H <sub>2</sub> O
<b>Humidity range:</b>	5% to 93% ± 2% non-condensing
<b>Operating altitude:</b>	0' to 13 000' (0m to 4 000m) relative to sea level, 1060 down to 575 mbar
<b>Temperature:</b>	
<b>Operation:</b>	5°C (41°F) and 40°C (104°F)
<b>Storage:</b>	-20°C (-4°F) and 60°C (140°F)
<b>Setting:</b>	Adjustable in 0.5 increments from 1.0 to 6.0 in pulse mode and from 0.5 to 2.0 in continuous mode
<b>Noise level:</b>	38 dB(A) tested to Prüfmethode 14-1 03/2007 MDS-Hi and 42 dB(A) tested to ISO 3744*
<b>Operating altitude:</b>	0' to 13000' (0m to 4,000) relative to sea level, 1060 down to 575 mbar
<b>Alarm types:</b>	Low oxygen purity, No breath detected, Low battery and Service required
<b>Battery duration:</b>	Approx. 4 hours with a single battery or 8 hours with 2 batteries at 18 BPM*

\*At pulse setting 2.

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# PRODUCT CODES



ITEM NO.	DESCRIPTION
RS-00502-G-S	Zen-O™ concentrator 12 cell
RS-00502-G-D	Zen-O™ concentrator 2 battery package
RS-00501	Zen-O™ rechargeable battery 12 cell
RS-00509	Zen-O™ carry bag
RS-00507	Zen-O™ cart
RS-00508	Zen-O™ DC adapter
RS-00511	POC filter wrench
RS-00512	POC cannula filter pk of 10
RS-00513	Sieve bed assembly
RS-00515	Zen-O™ external battery charger – US
RS-00516	Zen-O™ external battery charger – EU
RS-00517	Zen-O™ external battery charger – UK
RS-00520	Zen-O™ AC power supply w/EU cord
RS-00521	Zen-O™ AC power supply w/UK cord
RS-00522	Zen-O™ AC power supply w/US cord
RS-00523	Accessories bag

*Each Zen-O™ device is supplied with a carry bag, battery, AC/DC power cables and a pull cart.*

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## ZEN-O LITE™

GCE Healthcare also offers the more compact portable oxygen concentrator Zen-O lite™.

Zen-O lite™ is the ultra-lightweight portable oxygen concentrator from GCE Healthcare and weighs just 2.5 kg (5.5 lbs). The device is designed for patients with active lifestyles that require long term oxygen therapy (LTOT). Zen-O lite™ delivers up to 1050 ml of oxygen per minute in pulse mode.

Zen-O lite™ is suitable for everyday use and very quiet (37dBA), patients will even forget it's there.

Zen-O lite is also designed with easy to replace sieve modules that can be swapped by either the user or home oxygen provider in under 5 minutes.



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# GCE FACILITIES



visit: [www.gcegroup.com](http://www.gcegroup.com)

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Gas Control Equipment

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Art. Nr. DL-00487. Edition 2/2020. Alterations are subject to change without notice. 230720kk © 2020