



# Zen-O™

## PORTABLE OXYGEN CONCENTRATOR

GIVE YOUR PATIENTS MORE FREEDOM WITH MOBILE OXYGEN ON DEMAND

BROCHURE FOR HOME OXYGEN PROVIDERS

**GCE®**  
**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
<b>RS-00502-G-S</b>	Zen-O™ concentrator 12 cell
<b>RS-00502-G-D</b>	Zen-O™ concentrator 2 battery package
<b>RS-00501</b>	Zen-O™ rechargeable battery 12 cell
<b>RS-00509</b>	Zen-O™ carry bag
<b>RS-00507</b>	Zen-O™ cart
<b>RS-00508</b>	Zen-O™ DC adapter
<b>RS-00511</b>	POC filter wrench
<b>RS-00512</b>	POC cannula filter pk of 10
<b>RS-00513</b>	Sieve bed assembly
<b>RS-00515</b>	Zen-O™ external battery charger – US
<b>RS-00516</b>	Zen-O™ external battery charger – EU
<b>RS-00517</b>	Zen-O™ external battery charger – UK
<b>RS-00520</b>	Zen-O™ AC power supply w/EU cord
<b>RS-00521</b>	Zen-O™ AC power supply w/UK cord
<b>RS-00522</b>	Zen-O™ AC power supply w/US cord
<b>RS-00523</b>	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)



# REGIONAL OFFICES

## EUROPE

### CZECH REPUBLIC

GCE Trade s.r.o.  
Zizkova 381  
CZ-583 01 Chotebor  
Phone: +420 569 661 122, Fax: +420 569 661 107  
sales.cz@gcegroup.com

### POLAND

GCE Sp z o.o.  
Ul. Drapieńska 12  
03-581 Warszawa  
Phone: +48 22 511 23 57, Fax: +48 22 677 70 90  
sales.pl@gcegroup.com

### UNITED KINGDOM & IRELAND

GCE Ltd.  
100 Empress Park, Penny Lane  
Haydock, St Helens WA11 9DB  
Phone: +44 (0)1942 29 29 50, Fax: +44 (0)1942 29 29 77  
sales.gb@gcegroup.com

### FRANCE

GCE S.A.S.  
Rue du Puits Charles 70, BP N° 40110  
FR-58403 La Charité-sur-Loire  
Phone: +33/3 86 69 46 00, Fax: +33/3 86 70 09 15  
sales.fr@gcegroup.com

### PORTUGAL

GCE Portugal  
Rua do FeiraPark 50, Piso 2, sala 8  
4520-632 São João de Vêr  
Phone: +351 256 373 682, Fax: +351 256 378 260  
sales.pt@gcegroup.com

### GERMANY

GCE GmbH  
Weyherer Weg 8  
36043 Fulda  
Phone: +49 (0)661-8393-0, Fax: +49 661 8393 25  
sales.de@gcegroup.com

### ROMANIA

GCE Romania S.R.L.  
Al. Puskin Street 22. Ap.1  
Bucharest 1, 011996  
Phone: +40 21 316 76 72, Fax: +40 21 316 76 74  
sales.ro@gcegroup.com

### HUNGARY

GCE Hungária Kft.  
II. Rákóczi Ferenc út 68  
H-2314 Halásztelek  
Phone: +36 (24) 521 200, Fax: +36 (24) 521 201  
sales.hu@gcegroup.com

### ITALY

GCE Mujelli spa  
Via F. Cervi 11  
37036 San Martino B.A. (VR)  
Phone: +39 045 878 0 525, Fax: +39 045 878 0 750  
sales.it@gcegroup.com

### SWEDEN

GCE Norden AB  
Postal address:  
Box 21044, 200 21 Malmö  
Visitors address:  
Källvattengatan 9, 212 23 Malmö  
Phone: +46 (0)40 388300, Fax: +46 (0)40 388353  
sales.se@gcegroup.com

## AMERICAS

### LATIN AMERICA

GCE Latin America  
Po.Box: 0843-01211  
Panamá, Republica de Panamá  
Phone: +507 317 61 68, Fax: + 507 317 65 00  
sales.pa@gcegroup.com

### MEXICO

GCE Gas Control Equipment  
SA de CV, Miguel de Cervantes Saavedra 193  
Ampliación Granada Miguel, Hidalgo  
Distrito Federal 11529, Mexico  
Phone: +52 55 2626 1439  
sales.pa@gcegroup.com

### USA

GCE Gas Control Equipment Inc.  
1508 Windsor Forest Trail  
Keller, Texas TX 76262  
Phone: +1 817 268 9220, Toll Free: +1 888 659 2102  
salesUSA@gcegroup.com

## ASIA

### CHINA

GCE Gas Control Equipment Co. Ltd.  
Xiao Wan Road 318, Building No.4, Fengxian District  
Shanghai 201401, P.R. China  
Phone: +86 21 37198408, Fax: +86 21 37198617  
sales.cn@gcegroup.com

### INDIA

(BANGALORE)  
GCE India Pvt. Ltd.  
Millers Road 59, 1st floor, Benson Town  
Bangalore 560046, India  
Phone: +91 802 363 1685  
gce.india@gcegroup.com

### RUSSIA

(MOSCOW)  
GCE Krass OOO  
Urzhumskaya Street 4  
129343 Moscow, Russian Federation  
Phone: +7 495 745 26 99, Fax: +7 495 745 26 90  
sales.ru@gcegroup.com

### RUSSIA

(SAINT PETERSBURG)  
GCE Krass OOO  
Kantemirovskaya 12A  
194100 St Petersburg, Russian Federation  
Phone: +7 812 323 86 21, Fax: +7 812 323 86 49  
sales.ru@gcegroup.com



Gas Control Equipment

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

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