



## PORTABLE OXYGEN CONCENTRATOR

# Zen-O™

*Simple. Portable. Dependable.*



Long term oxygen therapy (LTOT) is an established method of care for many patients with chronic stable hypoxaemia often caused by respiratory disorders<sup>(1)</sup>. The length and quality of life of patients are improved in proportion to the duration of oxygen therapy<sup>(2)</sup>.

Zen-O™ is a best in class Portable Oxygen Concentrator that provides oxygen to patients at home or when on the go.

## FEATURES AND BENEFITS

### DUAL MODE

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

### 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.

### RESPONSIVE TO PATIENT NEEDS

Using advanced patented technology, Zen-O™ can deliver up to 2 litres per minute of oxygen 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.

### 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.

### 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.

### ALARM

The device is designed with various audible and visual alarm prompts such as low battery, no breath detected, service required and low oxygen purity.



CE 0088

# ZEN-O™



Zen-O can hold up to two 12 cell batteries



Zen-O™ with bag and pull cart



Power cords, AC and DC power supply

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™ 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-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

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

## TECHNICAL DATA

Size (WxDxH):	212 mm x 168 mm x 313 mm (8.3" x 6.6" x12.3")
Weight:	4.66 kg with one 12 cell battery
Power requirements:	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
Purity:	87% - 96% at all settings
Maximum oxygen	
discharge pressure:	20.5 psi
Inspiratory trigger	
sensitivity:	-0.12cm/H <sub>2</sub> O
Humidity range:	5% to 93% ± 2% non-condensing
Temperature:	
Operation:	5°C (41°F) and 40°C (104°F)
Storage:	-20°C (-4°F) and 60°C (140°F)
Setting:	Adjustable in 0.5 increments from 1.0 to 6.0 in pulse mode and from 0.5 to 2.0 in continuous mode
Noise level:	38 dB(A) tested to Prüfmethode 14-1 03/2007 MDS-Hi*
	42 dB(A) tested to ISO 3744*
Alarm types	Low oxygen purity No breath detected Low battery Service required
Battery duration:	Approx. 4 hours with a single battery or 8 hours with 2 batteries at 18 BPM

\*At pulse setting 2.

**The product described in this leaflet meets the applicable requirements of the European Medical Device Directive.**

### References:

1. Petty T.L., McCoy R.W. and Doherty D.E (2012). Long Term Oxygen Therapy (LTOT) – History, Scientific Foundations and emerging technologies, National Lung Health Education Program.
2. Vergeret J., Brambilla C. and Mounier L. (1989). Portable Oxygen therapy: use and benefit in hypoxaemic COPD patients on long-term oxygen therapy.