



## PORTABLE OXYGEN CONCENTRATOR

### Zen-O™ with RRT

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 breath sensitivity and Rate Response Therapy™ (RRT) that automatically adjusts to the patient's demands.

#### 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.



# ZEN-O™

## FEATURES AND BENEFITS

### DUAL FLOW 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.

### ECO MODE

The Eco Mode feature allows users to switch the operation of the device from Rate Responsive to Fixed Minute Volume 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.

### 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 in the UK and USA to the exacting standards of the European Medical Directive and United States Food and Drug Administration.



Zen-O™ can hold up to two 12 cell batteries



Accessories bag



Power cords, AC and DC power supply



Zen-O™ with bag and pull cart

## TECHNICAL DATA

Size (W×D×H):	212 mm × 168 mm × 313 mm (8.3" × 6.6" × 12.3")
Weight:	4.66 kg (10.27 lbs) 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
Operating altitude:	0' to 13,000' (0m to 4,000m)
Operating temperature:	5°C (41°F) and 40°C (104°F)
Storage temperature:	-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 and 42 dB(A) tested to ISO 3744*
Alarm types:	Low oxygen purity, No breath detected, Low battery and Service required
Battery duration:	Up to. 4 hours with a single battery or 8 hours with 2 batteries at 18 BPM*

\*At pulse setting 2.

## BATTERY DISCHARGE INTERVALS

Setting	Approx. Battery Life 1 Battery (Hours:Minutes)	Approx. Battery Life 2 Batteries (Hours:Minutes)
Pulse 1.0*	4:00	8:00
Pulse 2.0*	4:00	8:00
Pulse 3.0*	3:00	6:00
Pulse 4.0*	2:15	4:30
Pulse 5.0*	2:00	4:00
Pulse 6.0*	1:45	3:30
Cont. 0.5	3:00	6:00
Cont. 1.0	1:45	3:30
Cont. 1.5	1:15	2:30
Cont. 2.0	0:45	1:30

\*(18 bpm)

Art. Nr.	Description
RS-00502-G-S	Zen-O™ concentrator - 1 battery package
RS-00502-G-D	Zen-O™ concentrator - 2 battery package
RS-00501	Zen-O™ battery
RS-00509	Zen-O™ carry bag
RS-00507	Zen-O™ cart
RS-00508	Zen-O™ DC adaptor
RS-00511	POC filter wrench
RS-00512	POC cannula filter pk of 10
RS-00513	Sieve bed assembly
RS-00515	External battery charger – US
RS-00516	External battery charger – EU
RS-00517	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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