



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.



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 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 ₂ 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 adapter
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.