



PORTABLE OXYGEN CONCENTRATOR

Zen-O™ with RRT

Zen-O™ is the 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

Designed with patients in mind, the intuitive buttons and LCD makes it simple and easy to use.

ECO MODE

The Eco Mode feature allows users to switch the operation of the device from Rate Responsive Therapy (RRT) to Fixed Minute Volume for longer battery duration.

AUTO MODE

The Auto Mode feature is activated after 60 seconds if no breath is detected. Once in Auto Mode, 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 service centre.

MANUFACTURED TO HIGH STANDARDS

Zen-O™ is manufactured to the exacting standards of the European Union and United States Food and Drug Administration (FDA).

WARRANTY

Zen-O™ is built to last and supplied with a 3 year*. Warranty of the sieve bed assembly supplied in the device is limited to 2 years*.



Zen-O™ can hold up to two 8 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:	4.3 kg (9.48 lbs) with one 8 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 9 hours 40mins 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**	4:50	9:40
Pulse 2.0**	4:30	9:00
Pulse 3.0**	2:30	5:00
Pulse 4.0**	2:00	4:00
Pulse 5.0**	1:40	3:20
Pulse 6.0**	1:20	2:40
Cont. 0.5	3:00	6:00
Cont. 1.0	1:30	3:00
Cont. 2.0	0:45	1:30

**Battery run time above are estimates based on 18 bpm.

Art. Nr.	Description
RS-00502-G-S	Zen-O™ – 1 Battery
RS-00502-G-D	Zen-O™ – 2 Battery
RS-00502C-G-S	Zen-O™ with Clarity – 1 Battery
RS-00502C-G-D	Zen-O™ with Clarity – 2 Battery
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
RS-00536	Zen-O backpack

All Zen-O™ device come with carry bag, battery, AC/DC power cables and a pull cart.