



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.



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

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*.

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.



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



GCE Group
www.gce-medical.com

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 * Refer to GCE limited warranty policy for more details