PORTABLE OXYGEN CONCENTRATOR

ZEN-O™

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 adjust the flow of oxygen to the patient’s needs.

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 delivery a fixed pulse of oxygen at each inhalation when in pulse mode, to a fixed volume of oxygen per minute to allow 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.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (WxDxH):</td>
<td>212 mm × 168 mm × 313 mm (8.3&quot; × 6.6&quot; ×12.3&quot;)</td>
</tr>
<tr>
<td>Weight:</td>
<td>4.66 kg (10.27 lbs) with one 12 cell battery</td>
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<tr>
<td>Power requirements:</td>
<td>AC adaptor: 100-240V AC(+/- 10%) 50-60 Hz in, 24V DC, 6.25A out</td>
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<tr>
<td></td>
<td>DC adaptor: 11.5 - 16V DC in, 19V, 7.9A out</td>
</tr>
<tr>
<td>Purity:</td>
<td>87% - 96% at all settings</td>
</tr>
<tr>
<td>Maximum oxygen discharge pressure:</td>
<td>20.5 psi</td>
</tr>
<tr>
<td>Inspiratory trigger sensitivity:</td>
<td>-0.12cm/H2O</td>
</tr>
<tr>
<td>Humidity range:</td>
<td>5% to 93% ± 2% non-condensing</td>
</tr>
<tr>
<td>Operating altitude:</td>
<td>0' to 13,000' (0m to 4,000m)</td>
</tr>
<tr>
<td>Temperature:</td>
<td>5°C (41°F) and 40°C (104°F)</td>
</tr>
<tr>
<td>Storage:</td>
<td>Adjustable in 0.5 increments from 1.0 to 6.0 in pulse mode and from 0.5 to 2.0 in continuous mode</td>
</tr>
<tr>
<td>Noise level:</td>
<td>38 dB(A) tested to Prüfmethode 14-1 03/2007 MDS-Hi and 42 dB(A) tested to ISO 3744*</td>
</tr>
<tr>
<td>Alarm types:</td>
<td>Low oxygen purity, No breath detected, Low battery and Service required</td>
</tr>
<tr>
<td>Battery duration:</td>
<td>Approx. 4 hours with a single battery or 8 hours with 2 batteries at 18 BPM*</td>
</tr>
</tbody>
</table>

*At pulse setting 2.

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

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Art. Nr. | Description
---------|----------------
RS-00502-G-S | Zen-O™ concentrator 12 cell
RS-00502-G-D | Zen-O™ concentrator 2 battery package
RS-00501     | Zen-O™ battery 12 cell
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

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