Crossvent 3+
Adult and Pediatric Ventilator

Superior portability, flexibility and performance.

Bio-Med Devices' new, industry-leading Crossvent 3+ Ventilator offers a wide range of ventilatory support for both pediatric and adult patients in a variety of settings from air and ground transport to emergency department to ICU to subacute care and more.

A choice of configurations
You can order the Crossvent 3+ in any one of three configurations: standard, with Bio-Med Devices Air/Oxygen Blender attached, or with air entrainment. The attached blender allows the user to set oxygen concentration from 21% to 100%. Units with air entrainment can deliver either 100% oxygen or a nominal 50% oxygen without the need for an external air supply source. The unique venturi mechanism built into the unit increases oxygen tank life by mixing ambient air with the source oxygen.

A range of modes and alarms
Using the color touchscreen display, operators can easily select the appropriate ventilation mode: Assist Control, SIMV, CPAP, Pressure Support or Sigh. Available alarms include exhaled tidal volume, PIP, PEEP, mean pressure, low supply pressure, rate, oxygen concentration and low battery.

Dependable power
The Crossvent 3+ can be powered by a compressor, blended gas or 100% oxygen, and its consumption of gas is extremely low. The internal battery provides power during transport and in the event of AC power failure. If the external power should fail, the unit will automatically switch to its battery power and sound an alarm. A fully charged battery will last approximately 6 hours.
Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rate</td>
<td>5-150 bpm</td>
</tr>
<tr>
<td>Tidal Volume</td>
<td>5-2500 ml</td>
</tr>
<tr>
<td>Inspiratory Time</td>
<td>0.10 – 3.0 seconds</td>
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<tr>
<td>I/E Ratio</td>
<td>3:1 to 99</td>
</tr>
<tr>
<td>Flow Rate</td>
<td>1-120 lpm</td>
</tr>
<tr>
<td>Peak Pressure</td>
<td>0-120 cmH2O</td>
</tr>
<tr>
<td>PEEP Pressure</td>
<td>0-35 cmH2O</td>
</tr>
<tr>
<td>Pressure Trigger</td>
<td>-2 to -10 cmH2O</td>
</tr>
<tr>
<td>Pressure Support</td>
<td>0-50 cmH2O</td>
</tr>
<tr>
<td>SIMV Rate</td>
<td>0.5-50 bpm</td>
</tr>
<tr>
<td>Oxygen Sensor</td>
<td>21-100%</td>
</tr>
<tr>
<td>Sigh</td>
<td>0-2500 ml</td>
</tr>
</tbody>
</table>

Key features include:

- Ultra-compact and lightweight design
- Long battery life
- Multiple ventilation modes
- Built-in PEEP
- LED power indicator
- Foolproof circuit connections

Ventilation Modes:

- Assist Control
- SIMV
- CPAP
- Pressure Support
- Sigh

Monitors/Alarms:

- Standard
- Peak Pressure
- Rate
- Oxygen
- PEEP/CPAP
- Mean Pressure
- Low Battery
- Low Supply Pressure

Options:

- Blender or Air Entrainment
- Exhaled Tidal Volume
- Exhaled Minute Volume

Physical Characteristics:

- Size: 11” x 10” x 5.5”
- (28.6 cm x 25.4 cm x 14 cm)
- Weight: 10.5 lbs.
- (4.8 kg)

Models

- 3300C: Basic CROSSVENT 3+
- 3300AC: Crossvent 3+ with Air Entrainment
- 3300BC: Crossvent 3+ with attached Air/Oxygen Blender
- 3300EC: Crossvent 3+ with Exhaled Tidal Volume Monitoring
- 3300AE: Crossvent 3+ with Exhaled Tidal Volume Monitoring & Air Entrainment
- 3300BEC: Crossvent 3+ with Exhaled Tidal Volume Monitoring & attached Air/Oxygen Blender

Highlights of enhancements:

- Color display with greater visibility and viewing angle
- Improved touchscreen sensitivity
- Improved battery gauge providing greater accuracy in 2% increments
- Optional Exhaled Vt
- Optional Exhaled Vc

All Models Include:

- Disposable Adult Circuit
- O2 High Pressure Supply Hose
- Oxygen Sensor Cell wirable

Optional Accessories:

- Heavy Duty Roll Stand Circuit Support Arm
- (includes tilt bracket)
- Support Arm Bracket
- Filter Water Trap (Air)
- Blender Pole Bracket
- Filter Water Trap (O2)
- Disposable Pediatric Circuit
- Reusable Adult Circuit

Specifications subject to change without notice.