**Crossvent 2+**

Neonatal through Pediatric Ventilator

Bio-Med Devices’ new, industry-leading Crossvent 2+ Ventilator offers a wide range of ventilatory support for both pediatric and infant patients in a variety of settings from air and ground transport to emergency department to ICU to subacute care and more.

**Superior portability, flexibility and performance.**

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**A choice of configurations**
You can order the Crossvent 2+ with or without the attached Bio-Med Devices Air/Oxygen Blender. The blender allows the user to set oxygen concentration from 21% to 100%.

**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, Flow Trigger or Pressure-limited Constant Flow. Available alarms include exhaled tidal volume, PIP, PEEP, mean pressure, low supply pressure, rate, oxygen concentration and low battery. The Auto-Set feature allows the user to set the primary alarms quickly and easily with a single key.

**Dependable power**
The Crossvent 2+ 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>5-990 ml</td>
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<tr>
<td>Inspiratory Time</td>
<td>0.10 – 3.0 seconds</td>
</tr>
<tr>
<td>I:E Ratio</td>
<td>3:1 to 99:1</td>
</tr>
<tr>
<td>Flow Rate</td>
<td>1-50 lpm</td>
</tr>
<tr>
<td>Constant Flow</td>
<td>1-29 lpm</td>
</tr>
<tr>
<td>Peak Pressure</td>
<td>0-80 cmH2O</td>
</tr>
<tr>
<td>PEEP Pressure</td>
<td>0-20 cmH2O</td>
</tr>
<tr>
<td>Pressure Trigger</td>
<td>1-20 cmH2O</td>
</tr>
<tr>
<td>Flow Trigger</td>
<td>0.5-50 lpm</td>
</tr>
<tr>
<td>SMV Rate</td>
<td>0-50 cmH2O</td>
</tr>
<tr>
<td>O2 Sensor</td>
<td>21-100%</td>
</tr>
</tbody>
</table>

### Core Parameters

- **Ventilation Modes**
  - Assist Control | SIMV
  - CPAP | Pressure Support
  - Constant Flow | Flow Trigger

### Monitors/Alarms

- Standard
- Peak Pressure | Rate | Oxygen
- PEEP/CPAP | Mean Pressure
- Low Battery
- Low Supply Pressure
- Exhaled Vt | Exhaled Ve

### Options

- Air/Oxygen Blender

### Physical Characteristics

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

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### Highlights of Enhancements

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

### Key Features Include

- Ultra-compact and lightweight design
- Unmatched gas efficiency
- Long battery life
- Multiple ventilation modes
- Flow Trigger
- Built-in PEEP
- LED power indicator
- Foodproof circuit connections

### Ideal for

- Air and ground transport
- Intra- or inter-hospital transport
- Intensive care unit
- Emergency department
- Recovery room
- Subacute care

### Models

- **2200EC** Crossvent 2+ with Exhaled Tidal/Volume Monitoring & attached Air/Oxygen Blender
- **2200BEC** Crossvent 2+ with Exhaled Tidal/Volume Monitoring

### All Models Include

- Disposable Infant Circuit
- Disposable Pediatric Circuit
- Pediatric Pneumotach
- Infant Pneumotach
- O2 High Pressure Supply Hose

### Optional Accessories

- Heavy Duty Roll Stand
  - Includes 4” bracket
- Filter Water Trap (Air)
- Filter Water Trap (O2)
- Reusable Infant Circuit
- Reusable Pediatric Circuit

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### Bio-Med Devices Inc.

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Specifications subject to change without notice.