Bio-Med Devices’ new, industry-leading Crossvent 4+ Ventilator offers a wide range of ventilatory support for infant, pediatric and adult patients. It can be used in a variety of settings from air and ground transport to subacute care, from ER to ICU and more.

**Superior portability, flexibility and performance.**

**A choice of configurations**
You can order the Crossvent 4+ 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, Continuous Flow 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 4+ 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>
</tr>
<tr>
<td>i/E Ratio</td>
<td>3:1 to 1:99</td>
</tr>
<tr>
<td>Flow Rate</td>
<td>1–120 lpm</td>
</tr>
<tr>
<td>Continuous Flow</td>
<td>1–29 lpm</td>
</tr>
<tr>
<td>PEEP Pressure</td>
<td>0–120 cmH2O</td>
</tr>
<tr>
<td>Pressure Trigger</td>
<td>–2 to –10 cmH2O</td>
</tr>
<tr>
<td>SIMV Rate</td>
<td>0.6–50 bpm</td>
</tr>
<tr>
<td>Sigh</td>
<td>21–100%</td>
</tr>
</tbody>
</table>

## Ventilation Modes

- Assist Control
- SIMV
- CPAP
- Pressure Support
- Sigh
- Continuous Flow
- Pressure Limit

## Monitors/Alarms

- Peak Pressure
- Rate
- Oxygen PEEP/CPR
- Mask Pressure
- Low Battery
- Low Supply Pressure
- Exhaled Vt
- Exhaled Vr

## Options

- Blender or Air Entrainment

## 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)

## Key Features Include

- Ultra-compact and lightweight design
- Unmatched gas efficiency
- Long battery life
- Multiple ventilation modes
- Built-in PEEP
- LED power indicator
- Foolproof circuit connections
- Color Display with excellent visibility and viewing angle
- Easy to use touchscreen interface

## Ideal for

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

## Special Features

- Key features include
  - Ultra-compact and lightweight design
  - Unmatched gas efficiency
  - Long battery life
  - Multiple ventilation modes
  - Built-in PEEP
  - LED power indicator
  - Foolproof circuit connections
  - Color Display with excellent visibility and viewing angle
  - Easy to use touchscreen interface

## Distributed by

Bio-Med Devices Inc.
61 Soundview Road
Guilford, CT 06437
USA
Telephone: 1-800-224-6633 or 203-458-0202
Fax: 203-458-0440
Website: www.biomeddevices.com
E-mail: custserv@biomeddevices.com

Specifications subject to change without notice.

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