

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 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. Standard alarms include 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.

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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**
- **Optional Exhaled V_T**
- **Optional Exhaled V_E**

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**

Ideal for

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

Specifications

| Parameter | Range |
|------------------|--------------------|
| Rate | 5-150 bpm |
| Tidal Volume | 5-2500 ml |
| Inspiratory Time | 0.10 – 3.0 seconds |
| I/E Ratio | 3:1 to 1:99 |
| Flow Rate | 1-120 lpm |
| Peak Pressure | 0-120 cmH2O |
| PEEP Pressure | 0-35 cmH2O |
| Sensitivity | -2 to -10 cmH2O |
| Pressure Support | 0-50 cmH2O |
| SIMV Rate | 0.6-50 bpm |
| O2 Sensor | 21-100% |
| Sigh | 0-2500 ml |

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 cm x 25.4 cm x 14 cm)
Weight: 10.5 lbs.
(4.8 kg)

Ordering Information

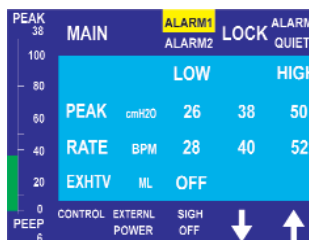
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| 3300C | Basic CROSSVENT 3+ |
| 3300AC | Crossvent 3+ with Air Entrainment |
| 3300BC | Crossvent 3+ with attached Blender |
| 3300EC | Crossvent 3+ with Exhaled Tidal Volume Monitoring |
| 3300AEC | Crossvent 3+ with Exhaled Tidal Volume Monitoring & Air Entrainment |
| 3300BEC | Crossvent 3+ with Exhaled Tidal Volume Monitoring & attached Blender |

Standard Accessories

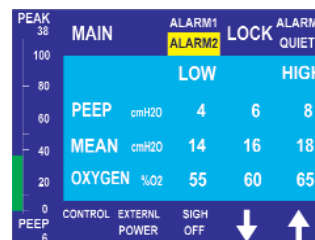
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| 80011 | Disposable Adult Circuit | 1020 | Adult Test Lung |
| 1010 | O2 High Pressure Supply Hose | 4419A | External Power Supply |
| 4434 | Oxygen Sensor Cell w/cable | 3304C | Instruction/Service Manual |
| 2013 | Standard Pole Mount Bracket | | |

Optional Accessories

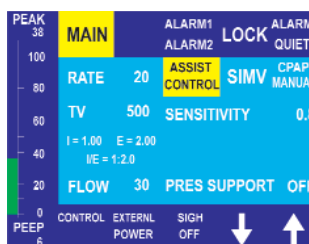
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| 1060-5H | Heavy Duty Roll Stand (includes tilt bracket) | 2013SAH | Circuit Support Arm |
| 4415 | Filter Water Trap (Air) | 2013BH | Support Arm Bracket |
| 4414 | Filter Water Trap (O2) | 40011 | Disposable Pediatric Circuit |
| 4410 | Pediatric/Adult Pneumotach | 80021 | Reusable Adult Circuit |



Primary Alarm Menu



Secondary Alarm Menu



Main Menu



3300BEC



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