

## 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.

# Crossvent 3+

## Adult and Pediatric Ventilator

### 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 VE**

### 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         |
| Pressure Trigger | -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)

### 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                               |
| 3300AEC | Crossvent 3+ with Exhaled Tidal Volume Monitoring & Air Entrainment             |
| 3300BEC | Crossvent 3+ with Exhaled Tidal Volume Monitoring & attached Air/Oxygen Blender |

### All Models Include

Disposable Adult Circuit  
O2 High Pressure Supply Hose  
Oxygen Sensor Cell w/cable

Adult Test Lung  
External Power Supply  
Instruction/Service Manual

### Optional Accessories

Heavy Duty Roll Stand  
(includes tilt bracket)  
Filter Water Trap (Air)  
Filter Water Trap (O2)  
Pediatric/Adult Pneumotach  
Standard Pole Mount Bracket

Circuit Support Arm  
Support Arm Bracket  
Blender Pole Bracket  
Disposable Pediatric Circuit  
Reusable Adult Circuit



3300BEC



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Specifications subject to change without notice.

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