



# Bear 1000

## Respiratory Ventilator

REFURBISHED

“Redefining the model for critical care ventilation.”

Introducing the BEAR 1000 Ventilator, the most comprehensive user friendly Critical Care Ventilator available on the market today. The BEAR 1000 Ventilator offers a full range of ventilation modalities as well as several innovative clinical features such as Pressure Augmentation, Pressure Slope and SMARTTRIGGER™.

Pressure Augmentation allows patient/ventilator synchrony with superior flow demand matching, while ensuring a minimum tidal volume delivery.

Pressure Slope allows the practitioner to tailor rise time to the inspiratory pressure level, more closely matching gas delivery to clinical requirements.

SMARTTRIGGER actually thinks for itself. Once independent flow and pressure thresholds are set, SMARTTRIGGER applies computer logic to evaluate patient demand, then triggers a breath with either pressure or flow--whichever signal is more sensitive.

#### THE BASIC MODEL OFFERS:

- Assist CMV
- SIMV (with or without pressure support)
- CPAP (with or without pressure support)

#### THE COMPREHENSIVE MODEL OFFERS ADDITIONAL FUNCTIONS:

- Pressure Control Ventilation
- Minimum Minute Volume
- Pressure Augmentation

**Preset Values**

Min. Expiratory Time	250 milliseconds
Max. Inspiratory Time	5 seconds
Max. Working Pressure	120 cm H2O
Max. System Pressure	175 cm H2O

**Outputs**

Digital	RS-232 bi-directional, baud rates of 1200, 2400, 9600 or 19200
Proximal Pressure	60 to + 140 cm H2O, 1 cm H2O/25 mV
Flow	300 to 200 LPM, 1 LPM/10 mV
Remote Alarm	Logic High/Low Signal

**Inputs**

Electrical	95-135V, 60 Hz • 80-110V, 50/60 Hz 176-242V, 50/60 Hz • 192-264V, 50/60 Hz
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**Pneumatic**

Oxygen and Air	30 to 80 psig
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**Physical Dimensions**

**Weight**

Ventilator	54 lbs.
Graphics Display	5.5 lbs.
Cart	55 lbs.
Compressor	114 lbs.

**Dimensions**

Ventilator	23"W x 23.6"D x 33"H
Graphic Display	16"W x 13"D x 11"H
Cart	19"W x 23"D x 31.5"H
Compressor	22.5"W x 23.6"D x 33"H

**Controls**

Mode, tidal volume, rate peak flow, %O2, pressure support, assist sensitivity, PEEP/CPAP, inspiratory pause, MMV level, compliance comp., inspiratory time, pressure slope, waveforms, manual breath, manual inspiratory pause, expiratory holds, 100% O2, sighs, pressure augmentation, nebulizer, panel lock, set knob, inspiratory pressure, base flow and flow trigger

**Alarms**

Time/I:E limit, run diagnostics, gas supply, failed to cycle, I:E override, high/low total minute volume, high/low total breath rate, high/low peak inspiratory pressure, high/low baseline pressure, alarm silence, visual reset, panel dimmer, panel lock, test, alarm set knob



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