

Engineered for versatility, the compact E100M meets all your ventilation needs.



The Newport E100M offers a built-in valve and versatility in an easy-to-use, reliable ventilator. Its succinct size and advanced features allow it to easily fit in areas where space is limited and ease of use is appreciated. For subacute and long term care applications, the E100M offers improved comfort for patients and low cost of ownership for facilities.

• **Value:** The Newport E100M is suited for most patient applications, eliminating the need for and expense of age-specific or application-limited equipment.

• **Performance:** Easy-to-use features, such as Advanced Trigger Control and Auto-Set Alarms, simplify the set-up and management of the ventilator. The DuoFlow PLUS system allows you to improve comfort, synchrony and work of breathing for spontaneously breathing patients. And the system's extensive monitoring, alarm systems and built-in battery provide added security and safety.

• **Flexibility:** The addition of a compact air compressor allows use of the ventilator where piped-in gas is not available. Mounted on a stand and pole, the E100M is compact and stable for easy mobility. The optional E-cylinder holders streamline patient transport.

• **Safety:** Includes Apnea Back-up Ventilation and a Remote Alarm Outlet. At the press of the Auto-Set Alarm button, the E100M automatically selects high and low pressure alarm settings and the built-in battery allows 6 to 8 hours of intra-hospital transport or emergency power operation.

► A Quick Look

- Advanced Trigger Control
- Comprehensive Alarms and Monitoring
- Volume or Pressure Ventilation
- Back-up Ventilation
- DuoFlow PLUS (with Time-Limited Demand Flow)
- 8-hour Internal Battery Back-up
- Built-in Air/Oxygen Mixer

Newport E100M

Ventilator

Equipment for the way *you* operate

Technical Specifications

Modes & Settings

Pressure or Volume:	A/CMV SMIV SPONT + APNEA A/CMV SPONT
FIO2:	.21-1.0
V (Mandatory Flow):	1 - 100 L/min
V (Inspiratory Flow):	0.1 - 3.0 sec
VT Tidal Volume:	5 - 5000 ml
f (Frequency Rate):	1 - 120 b/min
PEEP/CPAP:	0 - \geq 25 cmH2O
P limit (Pressure Limit):	0 - 120 cmH2O
P trig (sensitivity):	-10 - \geq 25 cmH2O
Automatic Trigger Control:	On/Off
Time Limited Demand Flow:	0 - 1.0 sec
▼ Paw Alarm:	3 - 118 cmH2O
▲ Paw Alarm:	5 - 120 cmH2O
Auto-Set Alarm:	On/Off
Apnea:	0,15,30 seconds
NEB Gas Source:	On/Off
PROX/PATIENT Outlet	
Monitoring Selection:	On/Off
Manual Inflation:	Operator Controlled, 4 sec Max.
SPONT V2:	Adjustable 0 to 15+L/min
SPONT V1:	0 L/min or 8 L/min
Pressure Gauge:	-10 to +120 cmH2O

Monitored Parameters/Indicators

Tidal Volume:	Paw Peak
I:E Ratio:	Mean
f total:	Base
Battery in Use:	tl \geq tE (Max 4:1)
Battery Charge %:	Sppont Detect

Alarms

Audible and Visual:	▲ Paw ▼ Paw ▼ Battery Low Baseline (▼ Paw) High Baseline (▼ Paw / ▲ Paw)
Audible Only:	Fault Gas Supply source failure Power Failure
Alarm Silence Reset:	60 Sec

Electrical

Power Requirements:	100, 120, VAC 0.14A Max. 220, 240 VAC 0.07A. Max 50/60 Hz
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Internal Battery:	6-8 Hrs typical (min 4 Hrs @ Max Load)
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Dimensions

Width:	9.5" (24.1 cm)
Depth:	6.5" (16.5 cm)
Height:	10.5" (26.7 cm)
Weight:	18 lbs. (8.2 kg)

Agency Requirements

Metts requirements of CSA 22.2 IEC 601-1-2 EMC MDD Directive 93/42/EEC

*Note: Specifications subject to change without notice.

