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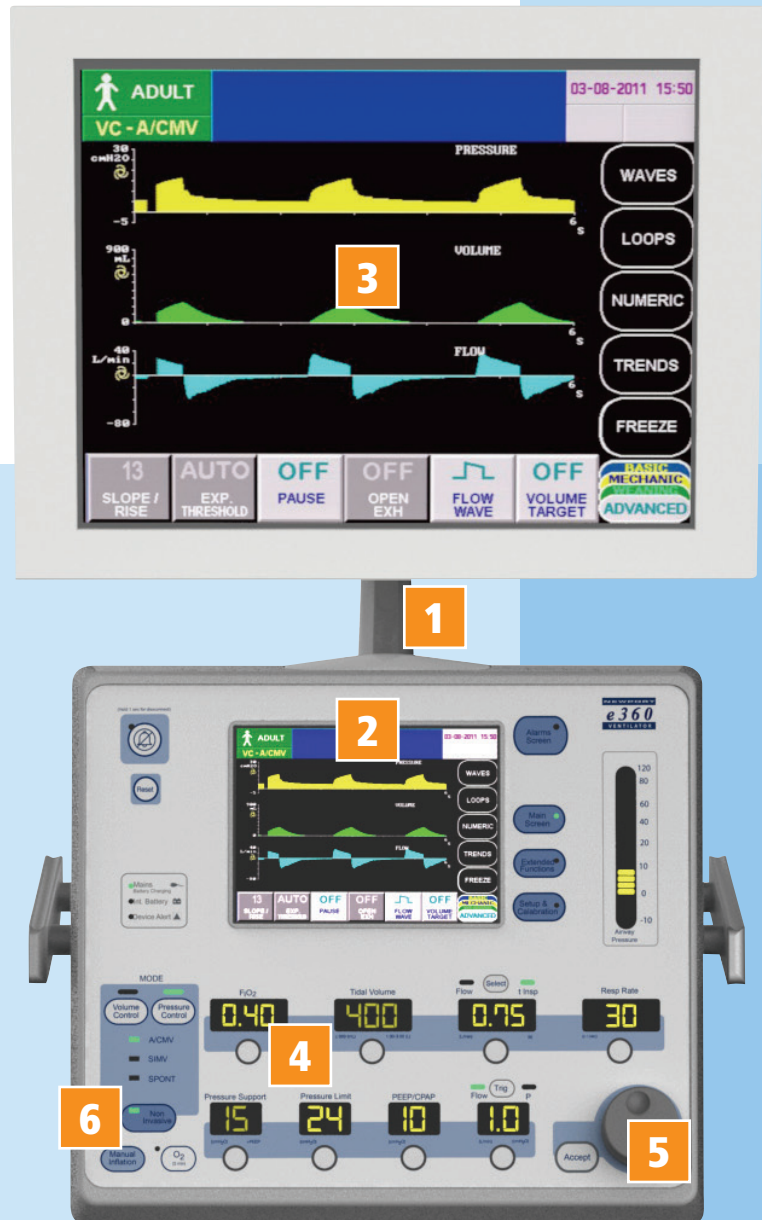
positive results for life™

Newport™ e360 Ventilator

Newport™ e360 ventilator – a closer look

1. The 360-degree viewable alarm lamp and smart alarm message displays make it easy to identify alarm violations.
2. The graphical user interface merges extensive monitored data and advanced functions in simple-to-navigate screens.
3. The Newport e360T* model enables connection from the built-in GUI to a large external touch-screen monitor.
4. Direct access to familiar ventilator controls makes setup quick and easy.
5. Simple touch-turn-accept method for all adjustments helps prevent accidental changes.
6. Integrated noninvasive feature expands application versatility with sophisticated leak compensation.

*Other models can use an optional external flat-panel display monitor for distance viewing



Newport™ e360 ventilator

Sophisticated technology made simple



The Newport™ e360 ventilator's compact size, comprehensive features and low cost of ownership make it ideal for hospitals and long-term care facilities.

The Newport e360 ventilator—for infant to adults—offers a variety of modes, and has graphics and extensive monitoring built in a compact package for easy transition from invasive to noninvasive ventilation. With its intuitive user interface, the Newport e360 ventilator makes sophisticated technology simple to use.

KEY FEATURES

Easy to use

The intuitive user interface enables direct access to commonly used controls and includes advanced features in the touch-screen graphics display. This makes setup and training quick and easy. Navigating the graphics display screen is straightforward, with no hidden menus.

Noninvasive ventilation

The Newport e360 ventilator offers invasive and noninvasive ventilation (NIV). This versatility can reduce costs and simplify training. The automatic leak compensation with trigger interactivity is sensitive to patient effort, without problematic auto-triggering. This provides enhanced synchrony during mask ventilation.

Built-in safety

Designed with an array of safety features, the Newport e360 ventilator features comprehensive alarms with priority tones and occlusion detection with secondary pressure relief. The ventilator also has an internal backup battery in case of a loss of AC power. The detailed Event History records up to 1,000 events in a color-coded, easy-to-review log that can be saved and downloaded.

Extensive monitoring

The Newport e360 ventilator delivers breaths that can be compensated for altitude, temperature, humidity, tubing resistance and compliance. Precise measurements can be taken from waveforms, loops and trends with the onscreen moveable cursor feature.

Weaning tools

Successful ventilation strategies are built on identifying the earliest time a patient can resume spontaneous breathing and also at risk of failing to wean. The Newport e360 ventilator provides easy-to-use tools for assessing weaning readiness: Occlusion pressure maneuvers using P0.1 and NIF measurements and RSBI (Rapid Shallow Breathing Index) that can be monitored and trended.

Auto Sync package— A unique set of automated features can enhance synchrony

The Newport™ e360 ventilator helps improve patient outcomes and efficiency with the Auto Sync package of automated features that can enhance patient/ventilator interaction.

AUTOMATIC LEAK COMPENSATION WITH TRIGGER INTERACTIVITY

Automatic Leak Compensation automatically manages bias flow to compensate for system leaks and stabilize baseline pressure. The Flow Trigger is coordinated with the bias flow adjustment. That way, when system leak and bias flow change, the Flow Trigger threshold is maintained. Even when patient conditions are continually changing, the Automatic Leak Compensation system reduces the possibility of auto and missed triggering so that synchrony can be preserved.

AUTOMATIC* OR ADJUSTABLE SLOPE/RISE

Appropriate management of slope/rise at the onset of pressure breaths could decrease work of breathing to a suitable level, early volume delivery and improved flow synchrony. The Newport e360 ventilator can be manually adjusted or select automatic* Slope/Rise, which can optimize Slope/Rise without intervention when a patient's respiratory mechanics change.

DUAL-CONTROL ADAPTIVE BREATH MANAGEMENT — VOLUME TARGET PRESSURE VENTILATION

Dual control breaths are offered in both mandatory and spontaneous breath types in A/CMV, SIMV and SPONT modes of ventilation. With Volume Target Pressure Control (VTPC) mandatory breaths and Volume Target Pressure Support (VTPS) spontaneous breaths, the ventilator delivers a tidal volume

with a feedback-controlled, decelerating flow pattern so that flow starvation can be avoided and the breath can be delivered using the lowest possible pressure.

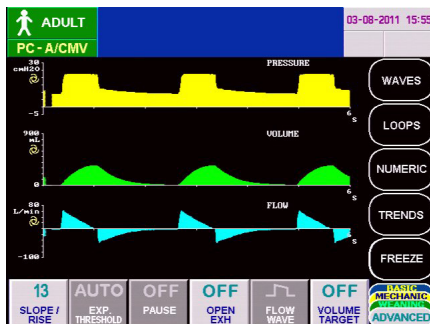
FLEXCYCLE FLEXIBLE PRESSURE SUPPORT CYCLING-OFF EXPIRATORY THRESHOLD

During Pressure Support and Volume Target Pressure Support Ventilation, the ventilator cycles the breath from the inspiratory to expiratory phase when delivered flow declines to the Expiratory Threshold setting. An ideal Expiratory Threshold setting enables these breaths to cycle to exhalation when the patient stops inhaling. Some patients may experience missed triggers if the clinician does not keep the Expiratory Threshold set at a value that matches the patient's pulmonary time constant.

FlexCycle is a patented, feedback-controlled algorithm that manages the Expiratory Threshold setting from breath to breath so that the patient can experience better synchrony in the transition from inspiration to exhalation and the potential for auto-PEEP and ineffective trigger efforts can be reduced.

*Automatic Slope/Rise is not available in the U.S.

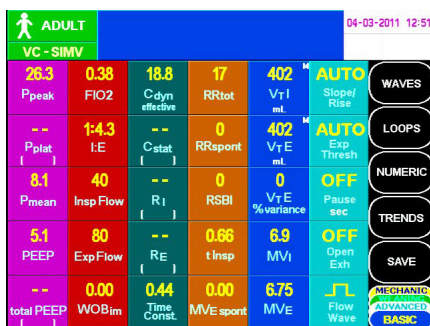
Graphical user interface touch screen



Compact and concise, the GUI displays:

- Waveforms
- Loops
- Trends
- Measured and calculated data

In addition, the GUI gives the user easy access to a quick circuit check for pre-use tests, customized patient set-up options and alarm settings. A large external display monitor can be linked to the built-in GUI for easy viewing of patient data at bedside or from a distance.



Low cost of ownership

Maintaining your patient on the same ventilator throughout the continuum of care is important. The Newport™ e360 ventilator's compact size makes it easy to use for intrahospital transport between care areas. Standardizing on one platform can save time and money on training and biomedical support.

A ventilator's initial costs and long-term maintenance requirements are significant factors in purchasing decisions. The Newport 360 ventilator offers a low life-cycle cost that can make a difference in your operational budget. Plus, to minimize downtime, our simple preventive maintenance is quick and easy to perform, and can be done without opening the ventilator case.



NEWPORT™ e360 VENTILATOR SPECIFICATIONS

NOTE: The Newport™ e360 ventilator is available in a number of configurations to suit your clinical needs. See your local representative for more details.

PATIENT RANGE

Infant/pediatric - adult

BREATH TYPE/MODES

Volume Control	Biphasic Pressure Release Ventilation (BPRV)*	Spontaneous breath choices: Pressure Support, Volume Target Pressure Support*
Pressure Control	A/CMV	
Volume Target Pressure Control*	SIMV	NIV (noninvasive ventilation): On/off in all breath type/modes
	SPONT	

CONTROLS/SETTINGS

Automatic† or Adjustable Slope/Rise	Resp Rate (frequency)	I:E Ratio	Insp. Hold
Automatic or Adjustable Expiratory Threshold (FlexCycle)	Flow Wave Pattern	Trigger (sensitivity)	Exp. Hold
Tidal Volume	Pause	Pressure or Flow	NIF/P.01
Flow	Sigh	FiO ₂	PV Maneuver + O ₂ (3 min)
	Pressure Limit	PEEP/CPAP	Manual Inflation
	Inspiratory Time	Leak Compensation	Bias Flow

MONITORED PARAMETERS

Ppeak	Cstat	Cdyn effective	Inspiratory time
VTE % variance	WOBim	Exp flow	PEEP
RR spont	MVE	Pplat	MVE spont
MVI	Time constant	VTI	FiO ₂
I:E ratio	Total PEEP	RSBI	VTE
Pmean	Insp flow	RI	RRtot

ADJUSTABLE ALARMS

Low and High Exp. Minute Volume	Low and High Airway Pressure
High Resp. Rate	Disconnect (Threshold %)
Apnea	

AUTOMATIC ALARMS

[Settings] out of range	Sustained high baseline pressure	Insp. time too long
Low and high FiO ₂	Insp. time too short	Low and high baseline (PEEP) pressure
Pressure limit below PEEP	I:E ratio inverse violation	Volume target not met
Low Paw below PEEP		

DIMENSIONS (VENTILATOR ONLY)

Width: 13.9 in. (35.3 cm)	Height: 12.1 in. (30.7 cm)
Depth: 13.9 in. (35.3 cm)	Weight: 38 lbs (17.3 kg)

U.S. models – Newport e360S-US, e360T-US

OUS (outside the U.S.) models – Newport e360S, e360E, e360T

For a complete list of specifications please refer to the specification sheet for each Newport e360 ventilator model available at Covidien.com/RMS.

*Not available on Newport e360S model OUS

† Only available on Newport e360E, T model OUS

+ Only available on Newport e360T model OUS

For complete parts and order information, contact your Covidien representative.



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BOULDER, CO
80301

800-635-5267

ORDER INFORMATION Outside the U.S. only

E360TH-XX-YY	Newport e360TH ventilator (head unit only), external touch-screen monitor compatible and additional premium features
E360E-XX-YY	Newport e360E ventilator, with expanded specifications and additional premium features
E360S-XX-YY	Newport e360S ventilator, with standard specifications and standard features
E360T-XX-YY	Newport e360T ventilator with external touch screen monitor, mounting arm and additional premium features

Each Newport e360 ventilator includes:

Built-in heated, reusable exhalation valve and two flow sensors, air and oxygen hoses

Standard accessory kit

Extension-arm bracket: BKT2199P	Extension-arm assembly: EXT450P
Patient breathing circuit hanger: HGR210P	Disposable bacteria filter (two): FLT1801Q

Choose from the following overlay languages (XX)

XX - Overlay language

WW - English	CN - Chinese	JP - Japanese	RU - Russian
SY - Symbol	ES - Spanish	PT - Portuguese	VT - Vietnamese

Choose from the following power cord styles (YY)

YY - Power cord style

NA - North American	IN - European	UK - British	BR - Brazil
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ORDER INFORMATION U.S. only

E360T-US-NA	Newport e360T ventilator with external touch screen monitor and mounting arm, and additional premium features, US version
E360TH-US-NA	Newport e360TH ventilator (head unit only), external touch-screen monitor compatible and additional premium features, US version
E360S-US-NA	Newport e360S ventilator, with standard specifications and standard features, US version

Each Newport e360 ventilator includes:

Built-in heated, reusable exhalation valve and two flow sensors

Standard accessory kit

Extension-arm bracket: BKT2199P	PWR1500P
Patient breathing circuit hanger: HGR210P	High-pressure air hose, clear hose 10 ft/3 m with DISS connector both ends: HOS801P
Extension-arm assembly: EXT450P	High-pressure oxygen hose, green 10ft/3m with DISS connector both ends: HOS802P
Disposable bacteria filter (two): FLT1801Q	
North American-style power cord:	

ACCESSORIES

15" flat panel touch-screen monitor,** medical-grade, articulating support arm and mounting hardware, North American-style power cord	FPD2126A
15" flat-panel touch-screen monitor,** medical-grade, articulating support arm and mounting hardware, international-style power cord	FPD2126A-IN
Newport e360S ventilator, with standard specifications and standard features	FPD2120A
17" flat-panel monitor, articulating support arm and mounting hardware, international-style power cord	FPD2120A-IN
Newport e360 ventilator compact cart with flush mount humidifier bracket	CRT360A
Air compressor with mounting cart for the Newport e360 ventilator	
C235 air compressor 120V/60Hz	C235-120V-60-1
C235 air compressor 220V/50Hz	C235-230V-50-1
C235 air compressor 220V/60Hz	C235-230V-60-1
Bacteria filter heater kit with water trap, filter, circuit tubing and 22 mm ID silicone connector	
Bacteria filter heater kit for 100-120V	KIT2110A
Bacteria filter heater kit for 220-240V	KIT2220A

**For use with T or TH models only

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