



## MULTIPLE MODES, COMPACT, LIGHTWEIGHT, EASY TO USE

The e700 ventilator ushers in a “new era” in controlled ventilation for resuscitation and patient transport! These electronically controlled, pneumatically powered ventilators provide a range of ventilation solutions for resuscitation and transport in the pre-hospital and in-hospital healthcare professionals.

**SIMPLICITY** - The ventilation solutions offered by the e700 cannot be compared to any other products of its type. The units are self-contained and only require attachment to a regulated oxygen supply and a transport ventilation circuit for immediate use. The easily replaceable, long lasting (18 -24 hour) battery can be charged while inside the ventilator or can be removed for charging and quickly replaced by a fresh battery pack. The display lighting has adjustable brightness for easy visualization of the ventilator settings in any ambient light conditions. Designed for a range of patient sizes (from large adult to infant), the e700 comes in a very small and lightweight package.

**SAFETY** - The continuous monitoring of ventilation parameters ensures that the device is always fully functional and ready for immediate use. The wide range of both visual and audible alarms provides the healthcare professional with warnings of any changes in patient or device parameters.

Correction of any alarm is simple to achieve due to the compact and easy to operate control layout. The Intuitive Patient ApnEa Backup (IPAB) mode provides additional security for the spontaneously breathing patient on CPAP by automatically commencing ventilations should their inspiratory efforts cease.

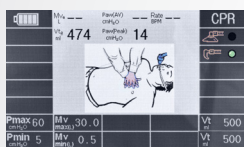
**FUNCTIONALITY** - The simplicity of operation of the e700 provides controlled ventilation for both resuscitation and transport with the minimum of control adjustments required for simple patient set up. The range of Tidal Volumes and ventilation rates offered provide improved patient care for all resuscitation and transport situations in the pre-hospital and in-hospital setting. The inclusion of ventilation modes for “mask or protected airway CPR”, with visual and audible prompts, adds another dimension to the application of these products not found on other ventilators.

**CONTROLLABILITY** - The e700 provides an “ease of use” concept that is second to none. These products are designed to speed up and simplify the initiation of ventilations by simply choosing the rate/volume. There are no multiple screens to scroll through to establish patient ventilation parameters. The units have an initial, pre-set, start-up mode requiring only the selection of patient size to begin ventilation.

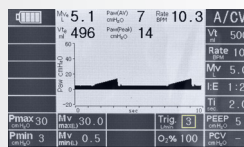
**ECONOMY** - In addition to the patient care benefits, the e700 ventilator provides excellent low gas consumption and an extremely long battery operating time. This assists in providing controlled ventilation to the patient over an extended period, making the e700 ventilator ideal for long transports where both electrical and oxygen supplies are always a critical concern.



Start Screen



CPR Screen



Ventilation Screen



**LONG LASTING  
BATTERY**  
18-24h

**ECONOMICAL**  
Low gas consumption

## SPECIFICATIONS

<b>DEVICE CLASS PER MDD</b>	II b
<b>CLASSIFICATION PER IEC60601-1</b>	Class II
<b>POWER SOURCE</b>	Protection against electric shock
<b>CIRCUIT CONTROL SOURCE</b>	Protection against electric shock
<b>VENTILATION MODES</b>	Protection against water
<b>SUPPORTING VENTILATION</b>	Compressed Oxygen, 45 to 87 PSI (3-6 Bar)
<b>VENTILATION RATE</b>	Electric
<b>MINUTE VOLUME (L)</b>	A/C (VCV/PCV), SIMV w/ PSV, BiLVL w/ PSV, CPAP w/ PSV, Mask CPR and Intubated CPR
<b>TIDAL VOLUME (ML)</b>	IP X4
<b>TIDAL VOLUME IN CPR MODE (ML)</b>	Compressed Oxygen, 45 to 87 PSI (3-6 Bar)
<b>MAXIMUM DELIVERED FLOW (L/MIN)</b>	Electric
<b>MANUALLY TRIGGERED VENTILATION</b>	A/C (VCV/PCV), SIMV w/ PSV, BiLVL w/ PSV, CPAP w/ PSV, Mask CPR and Intubated CPR
<b>MAXIMUM INSPIRATORY HOLD TIME</b>	PSV: 0, 4-35 cm.H2O ( $\pm 10\%$ or $\pm 2$ cm.H2O)
<b>IE RATIO</b>	5 - 60 ( $\pm 10\%$ or $\pm 1$ BTPM)
<b>PEEP (CM H2O)</b>	Calculated
<b>PSV</b>	50 - 2000 $\pm$ (4ml + 15%) BTPS *
<b>CPAP (CM H2O)</b>	50 - 1400 $\pm$ (4ml + 15%) BTPS *
<b>O2 (%)</b>	100 - 120
<b>PMAX (CM H2O)</b>	Yes, set flow rate or pressure will be delivered during I time then Inspiratory hold
<b>PMIN (CM H2O)</b>	6 sec.
<b>PCV (CM H2O)</b>	1:4 - 3:1 ( $\pm 20\%$ )
<b>TI (SEC)</b>	0.4-20 ( $\pm 10\%$ or $\pm 2$ cm.H2O)
<b>TRIGGER SENSITIVITY (L/MIN)</b>	OFF, 4 - 35 ( $\pm 10\%$ or $\pm 2$ cm.H2O)
<b>INHALATION PRESSURE (CM H2O)</b>	4-20 ( $\pm 10\%$ or $\pm 2$ cm.H2O)
<b>PRESSURE VENTILATION TERMINATION</b>	60 or 100 ( $\pm 15\%$ )
<b>APNEA BACK UP TIME (SEC.)</b>	10 - 80 ( $\pm 10\%$ or $\pm 2$ cm.H2O)
<b>BATTERY OPERATING TIME AT ROOM TEMPERATURE (HRS.)</b>	0 - 20 ( $\pm 10\%$ or $\pm 2$ cm.H2O)
<b>ALTITUDE COMPENSATION</b>	4-50 ( $\pm 10\%$ or $\pm 2$ cm.H2O)
<b>BATTERY HOT SWAP</b>	0.2 - 9 ( $\pm 20\%$ )
<b>BUILT-IN BATTERY CHARGER</b>	1-15, or 2 cm.H2O below baseline in CPAP mode only
<b>AC/DC POWER SUPPLY</b>	4-50 ( $\pm 10\%$ or $\pm 2$ cm.H2O)
<b>PATIENT CIRCUIT</b>	20% - 80% of max. Flow
<b>MOUNTING BRACKET</b>	10-60 ( $\pm 0.5$ )
<b>DISPLAY</b>	> 18 hrs for default settings (Data obtained using fully charged new battery)
<b>LIVE MONITORING</b>	up to 4000m (13000 feet)
<b>REAL TIME WAVEFORM</b>	No
<b>DAY/NIGHT DISPLAY MODE</b>	Yes
<b>PARAMETER SETTINGS</b>	Yes
<b>LOCK KEY FUNCTION</b>	Yes
<b>PAUSE FUNCTION</b>	Yes
<b>NOISE LEVEL IN NORMAL USE</b>	Yes
<b>ALARMS (VISUAL AND AUDIBLE)</b>	Yes
<b>AUDIBLE SILENCE</b>	Yes, 120 second max
<b>DIMENSIONS (MM)</b>	250 x 200 x 155



WEIGHT (KG/LBS) WITH/WITHOUT BATTERY			2.4/1.77   5.29/3.9
INTERNAL VOLUME OF THE COMPLETE RESPIRATORY SYSTEM (REUSABLE AND DISPOSABLE)			approx. 690 ml without mask approx. 800 ml with mask
DEAD SPACE OF PATIENT VALVE WITH ELBOW COMPLIANCE (DISPOSABLE) HOSE SYSTEM			Approx. 35 ml 16.6 ml/kPa
RESISTANCE OF PATIENT HOSE SYSTEM (INHALATION AND EXHALATION):			Less than 6 cmH <sub>2</sub> O at 60 l/min & Less than 6 cmH <sub>2</sub> O at 30 l/min
ENVIRONMENT CONDITION	Ventilator	Operating	-18°C to +50°C, Rh: 15% to 95%
		Storage	-40°C to +60°C, Rh: 15% to 95%
		Charge	0°C to +40°C
	Battery Pack	Discharge	-20°C to +60°C
		Storage	-20°C to +35°C, low humidity and no corrosive gas atmosphere.
	Patient Circuit	Operating	-18°C to +50°C, Rh: 15% to 95%
		Storage	-20°C to +60°C, Rh: 15% to 95%

\* BTPS: Volume measurements corrected to Body temperature 37°C and Barometric pressure 101.3kPa under saturated conditions (100% Humidity). Note: Measurement uncertainty: 5% for volume parameters and 6% for pressure parameters.

## ORDERING INFORMATION

<b>O1EVE700</b>	e700 - Electronic Automatic Transport Ventilator c/w Disposable Patient Circuit, Resuscitation Mask, 6 Foot Supply Hose*, Calibrated Test Lung and Power Supply (Specify Country of Use)	Each
<b>O1CV8030-CS</b>	O-Two Medical Single-Use Electronic Transport Ventilator 6 Foot Circuit with Protective Sleeve. For e500, e600 and e700	Case/10
<b>O1CV7035</b>	O-Two Medical "e" Series Ventilator "Smart Mount" Multi-configuration Mounting Bracket (Ambulance Cot, Hospital Stretcher, Bed, Roll Stand)	Each
<b>O1CV8040-CS</b>	O-Two Medical "e" Series Ventilator Replacement Intake Filter/Cover	Case/10
<b>O1TA1852</b>	O-Two Medical "e" Series Ventilator Replacement 1 Litre Test Lung with Compliance Restrictor	Each
<b>O1FV4303-DISS</b>	O-Two 6 Foot (1.85 Meter) O2 Supply Hose with 9/16 DISS Nut and 9/16" DISS Nut Ventilator Connection	Each
<b>O1CV9100</b>	O-Two Medical "e" Series Replacement Lithium Ion Replacement Battery	Each
<b>O1CV0105</b>	Power Supply - eSeries	Each
<b>O1CV0106</b>	Power supply cord for eSeries power supply	Each
<b>O1CV0102-EU</b>	Power supply cord for eSeries power supply	Each
<b>O1CV7050</b>	eSeries Automatic Transport Ventilator Carrying Case - With sling-style shoulder strap (specifically designed for eSeries)	Each
<b>O1TA7650</b>	Leak test kit for e-vents	Each

THIS PRODUCT HAS A TWO YEAR WARRANTY AGAINST MANUFACTURERS DEFECTS.