



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.

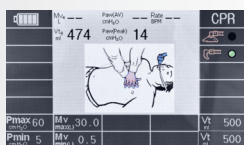
FUNCTIONALITY - The simplicity of operation of the e700 provides controlled ventilation for both resuscitation and transport with the minimum of control adjustments required for simple patient set up. The range of Tidal Volumes and ventilation rates offered provide improved patient care for all resuscitation 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.

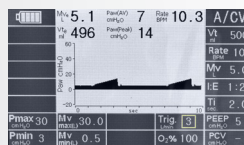
ECONOMY - In addition to the patient care benefits, the e700 ventilator provides excellent low gas consumption and an extremely long battery operating time. This assists in providing controlled ventilation to the patient over an extended period, making the e700 ventilator ideal for long transports where 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

DEVICE CLASS PER MDD	II b
CLASSIFICATION PER IEC60601-1	Class II
POWER SOURCE	Protection against electric shock
CIRCUIT CONTROL SOURCE	Protection against electric shock
VENTILATION MODES	Protection against water
SUPPORTING VENTILATION	Compressed Oxygen, 45 to 87 PSI (3-6 Bar)
VENTILATION RATE	Electric
MINUTE VOLUME (L)	A/C (VCV, PCV), SIMV w/ PSV, BiLVL w/ PSV, CPAP w/ PSV, Mask CPR and Intubated CPR
TIDAL VOLUME (ML)	PSV: 0, 4-35 cm.H2O ($\pm 10\%$ or ± 2 cm.H2O)
TIDAL VOLUME IN CPR MODE (ML)	5 - 60 ($\pm 10\%$ or ± 1 BPM)
MAXIMUM DELIVERED FLOW (L/MIN)	Calculated
MANUALLY TRIGGERED VENTILATION	50 - 2000 \pm (4ml + 15%) BTPS *
MAXIMUM INSPIRATORY HOLD TIME	50 - 1400 \pm (4ml + 15%) BTPS *
IE RATIO	100 - 120
PEEP (CM H2O)	Yes, set flow rate or pressure will be delivered during I time then Inspiratory hold
PSV	6 sec.
CPAP (CM H2O)	1:4 - 3:1 ($\pm 20\%$)
O2 (%)	0.4-20 ($\pm 10\%$ or ± 2 cm.H2O)
PMAX (CM H2O)	OFF, 4 - 35 ($\pm 10\%$ or ± 2 cm.H2O)
PMIN (CM H2O)	4-20 ($\pm 10\%$ or ± 2 cm.H2O)
PCV (CM H2O)	60 or 100 ($\pm 15\%$)
TI (SEC)	10 - 80 ($\pm 10\%$ or ± 2 cm.H2O)
TRIGGER SENSITIVITY (L/MIN)	0 - 20 ($\pm 10\%$ or ± 2 cm.H2O)
INHALATION PRESSURE (CM H2O)	4-50 ($\pm 10\%$ or ± 2 cm.H2O)
PRESSURE VENTILATION TERMINATION	0.2 - 9 ($\pm 20\%$)
APNEA BACK UP TIME (SEC)	1-15, or 2 cm.H2O below baseline in CPAP mode only
BATTERY OPERATING TIME AT ROOM TEMPERATURE (HRS.)	4-50 ($\pm 10\%$ or ± 2 cm.H2O)
ALTITUDE COMPENSATION	20% - 80% of max. Flow
BATTERY HOT SWAP	10-60 (± 0.5)
BUILT-IN BATTERY CHARGER	> 18 hrs for default settings (Data obtained using fully charged new battery)
AC/DC POWER SUPPLY	up to 4000m (13000 feet)
PATIENT CIRCUIT	No
MOUNTING BRACKET	Yes
DISPLAY	100-240 VAC/ 19 VDC, 4.74 A
LIVE MONITORING	O-Two Electronic Ventilator Circuit
REAL TIME WAVEFORM	Mounting brackets for road ambulance and mobile setting
DAY/NIGHT DISPLAY MODE	4.3" Color TFT
PARAMETER SETTINGS	Mve/Vte, Paw(AV), PAW(Peak), Rate (bpm), Battery level
LOCK KEY FUNCTION	Pressure or Flow
PAUSE FUNCTION	Control Selection Knob
NOISE LEVEL IN NORMAL USE	Yes
ALARMS (VISUAL AND AUDIBLE)	Yes
AUDIBLE SILENCE	Less than 65 dBA
DIMENSIONS (MM)	Gas Supply Pressure, Airway Pressure limits, Minute Volume limits, Battery status, APNEA, Breathing Circuit Integrity, Leakage and Blockage
	Yes, 120 second max
	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 ₂ O at 60 l/min & Less than 6 cmH ₂ 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%
	Battery Pack	Charge 0°C to +40°C 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

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

THIS PRODUCT HAS A TWO YEAR WARRANTY AGAINST MANUFACTURERS DEFECTS.