AUTOMATIC TRANSPORT VENTILATOR

e700

o_two e700

controlled ventilation
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 all types of patient requirements and all levels of 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 ventilator circuit for immediate use. The easily replaceable, long lasting (18 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 masks the level of sophistication offered by the e700, providing ventilation for both resuscitation and transport with the minimum of control adjustments required for simple patient set up. The range of ventilation modes offered provides “ICU level” patient care while maintaining the ease of operation for all patient care 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 for these products not found on other ventilators.

CONTROLLABILITY
The operation of the controls of the e700 provide an ease of use concept that is second to none. These products are designed to speed up and simplify even the most complex ventilation set up. 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.

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<tr>
<th>Long Lasting Battery</th>
<th>Economical</th>
<th>Lightweight</th>
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<tr>
<td>18h</td>
<td>Low gas consumption</td>
<td>2.4 kg</td>
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SPECIFICATIONS

POWER SOURCE
Compressed Oxygen

CIRCUIT CONTROL SOURCE
Electric

VENTILATION MODES
CMV, A/CV, A/CP, SIMV, SIMV w/PSV, BILVL, BILVL w/PSV, CPAP, CPAP w/PSV, Mask CPR (MCPR), Intubated CPR (ICPR), Manual, Intuitive Patient Apnea Backup (IPAB)

PATIENT SIZE RANGE
6 Kg to large Adult

VENTILATION FREQUENCY
5 - 60

MINUTE VOLUME (L)
1 - 74

TIDAL VOLUME (ML)
50 - 2000

QUICK START MODE DEFAULT VT/BPM
Adult 500/10 Child 250/15

MANUALLY TRIGGERED VENTILATION
Yes

I:E RATIO
Adjustable (3:1 to 1:4)

PEEP (CM H₂O)
Adjustable 4 - 20

CPAP (CM H₂O)
Adjustable 4 - 20

O₂ (% (FIO₂)
60 or 100 (0.6 - 1.0)

PMAX (CM H₂O)
10 - 80

PMIN (CM H₂O)
0 - 20

PSV (CM H₂O)
4 - 35

PCV (CM H₂O)
4 - 50

TI (SEC.)
0.2 - 9.0

TRIGGER SENSITIVITY (L/MIN)
3 - 15

INHALATION PRESSURE (CM H₂O)
4-50

PRESSURE SUPPORT TERMINATION
20% - 80% of max. flow

APNEA BACK UP TIME (SEC.)
Adjustable 10 - 60

BATTERY OPERATING TIME
18 hours for default settings

BUILT-IN BATTERY CHARGER
Yes

A/C POWER ADAPTER
100-240VAC/ 19VDC, 4.74A

PATIENT CIRCUIT
O-Two electronic ventilator circuit

MOUNTING BRACKET
Multi-configuration bracket

DISPLAY TYPE
4.3" Color TFT Screen

LIVE MONITORING
Vm, vt, Paw (AV), PAW (Peak), F, BPM, Battery level

REAL TIME WAVEFORM
Selectable Pressure or Flow

ADJUSTABLE BRIGHTNESS DISPLAY
Yes

PARAMETER SETTINGS
Single, Multi Function

LOCK KEY FUNCTION
Yes

PAUSE FUNCTION
Yes

ALARMS (VISUAL AND AUDIBLE):
Gas Supply Pressure, Pmax, Pmin, Low Battery, BCI, Apnea, Leak, Vm min., Vm max.

AUDIBLE SILENCE
Yes, 120 seconds

DIMENSIONS (MM)
250 x 200 x 155

WEIGHT (KG) WITH/WITHOUT BATTERY
2.4 / 1.77

OPERATING TEMPERATURE RANGE
-18°C to +50°C, Rh: 15% to 95%

STORAGE TEMPERATURE RANGE
40°C to +60°C, Rh: 15% to 95%

ORDERING INFORMATION

01EVE700 - e700 Transport Ventilator

01EV7035 - “e” Ventilator Smart Mount
Multi-configuration Mounting Bracket

01EV7037 - “e” Ventilator Transport System
Carry Frame and Ambulance Mounting Bracket

01CV8030-Cs - O-Two Single-Use six foot Electronic Transport Ventilator circuit
Case/10

01CV9100 - Battery Pack

01CV8040-Cs - Intake Filter Assembly
Case/10

* Specify Country of Use at time of ordering

THIS PRODUCT HAS A TWO YEAR WARRANTY AGAINST MANUFACTURERS DEFECTS.