

O-Two Self-Study Guide

**eSeries Transport
Ventilator**

**Abbreviations,
Alarms and
Battery Status**



Abbreviations

Term	Explanation
A/C V	Assist Control Ventilation (see ventilation modes self-study guide)
BCI	Breathing Circuit Integrity (Patient circuit disconnect)
BiLVL	Bi-phasic Positive Airway Pressure Ventilation (see ventilation modes self-study guide)
CPAP	Continuous Positive Airway Pressure (see ventilation modes self-study guide)
CPR	Cardio Pulmonary Resuscitation (see ventilation modes self-study guide)
Rate	Ventilation rate (number of breaths per minute)
Termination	% of Maximum flow value
I:E	Ratio of inspiration time to expiration time
LED	Light Emitting Diode
Mve	Exhaled Minute Volume
Mv	Minute volume
O ₂ (%)	Percentage of Oxygen delivered by the ventilator
Paw (AV)	Average airway pressure
Paw (peak)	Peak airway pressure
PCV	Pressure control Ventilation (see ventilation modes self-study guide)
PEEP	Positive End Expiratory Pressure
Pi	Inhalation Pressure
Pmax	Maximum airway pressure
P min	Minimum airway pressure
PSV	Pressure Support Ventilation (see ventilation modes self-study guide)
SIMV	Synchronized Intermittent Mandatory Ventilation (see ventilation modes self-study guide)
T _{APNEA}	Apnea Alarm time
Te	Expiratory time
TFT	Thin Film Transistor
Ti	Inspiration time
Trig.	Flow rate required to trigger the ventilator
Vt _e	Exhaled Tidal volume
Vt	Tidal volume




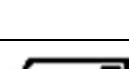
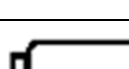
Alarms

Symbol	Name	Priority	Visual Alarm		Audible Alarm
			Alarm symbol	Warning LED	
 BCI	Patient Circuit disconnect (Breathing circuit Integrity)	High after 15 seconds	Flashing symbol	Flashing Yellow for 15 seconds then Red	15 sec. delay Two bursts with five pulses
Low Paw	Low Airway Pressure	High	Flashing symbol	Red	Two bursts with five pulses
HighPaw	High Airway Pressure	High	Flashing symbol	Red	Two bursts with five pulses
Low Mv	Low minute Volume	High	Flashing symbol	Red	Two bursts with five pulses
HighMv	High Minute Volume	High	Flashing symbol	Red	Two bursts with five pulses
BLOCKED AIRWAY	Blocked airway	High	Flashing symbol	Red	Two bursts with five pulses
 LEAK	Leak (at 40% below set Vt)	High	Flashing symbol	Red	Two bursts with five pulses
Low Pi	Low Inhalation Pressure	High	Flashing symbol	Red	Two bursts with five pulses
	No Oxygen ≤ 20 PSI	High	Flashing symbol	Red	Two bursts with five pulses
	Low Oxygen ≤ 40 PSI	Medium	Flashing symbol	Yellow	One burst with three pulses
	High input pressure ≥ 90 PSI	High	Flashing symbol	Red	Two bursts with five pulses
	APNEA	High	Flashing symbol	Red	Two bursts with five pulses
	Empty Battery	High	Flashing symbol	Red	Two bursts with five pulses
	Low Battery	Low	Flashing symbol	N/A	N/A
	Pause	N/A	Flashing symbol	Yellow every 15 seconds	N/A
	Play	N/A	Flashing symbol	N/A	N/A
	Lock	N/A	Solid symbol	N/A	N/A
	Alarm Silence	N/A	Solid symbol	N/A	N/A
	Patient effort	Low	Solid symbol during Patient effort	N/A	N/A
	Invalid setting- Refer to manual	N/A	Solid symbol During invalid selection	N/A	N/A
	Setting Conflict	N/A	Solid symbol During invalid selection	N/A	N/A
	Confirm	N/A	Flash symbol after primary selection	N/A	N/A






Battery Status

Battery status will be displayed in section 1 of the display. There are two different status indicators showing battery discharging and charging status respectively.

Battery discharging status

1		Full Capacity	No Alarm
2		Approx. 75% of full capacity	No Alarm
3		Approx. 50% of full capacity	No Alarm
4		Approx. 25% of full capacity	On screen symbol change to Yellow color and flashing
5		Approx. 5% of full capacity	On screen symbol change to Red color and flashing with associated Red color warning LED.

Battery charging status

1		Full Capacity	No Alarm
2		95% of full capacity	No Alarm
3		90% of full capacity	No Alarm
4		80% of full capacity	No Alarm
5		65% of full capacity	No Alarm



Warning: At approximately 2% of full battery capacity, the ventilator will not start when it is turned off or will shut down when it is turned on.

O-Two Medical Technologies Inc.

45A, Armthorpe Road, Brampton, Ontario, Canada L6T 5M4

Toll Free: **(800) 387 3405** Tel: **(905) 792 OTWO (6896)** Fax: **(905) 799 1339**

E-mail: **resuscitation@otwo.com** Website: **www.otwo.com**