

Eclipse 2™ with AutoSat™

Personal Ambulatory Oxygen System™ (PAOS)

A majority of patients using oxygen want the freedom to enjoy life at a moments notice. Others want the peace of mind that a robust, dependable stationary oxygen system provides.

Now you can have the best of both, with one system, The Eclipse 2. The Personal Ambulatory Oxygen System.

EDUCATE. REGULATE. SATURATE.



 **SEQUAL®**
www.sequal.com



Educate. To cultivate an environment in which the provider can lower operational costs while supplying superior patient care. The Eclipse 2 is the single solution, better for the patient and the bottom line. It's the Smarter Choice.

- The only single system on the market that offers both continuous flow and a generous pulse dosing option
- One machine for both stationary and ambulatory needs
- Lower operational costs by reducing monthly deliveries and simplifying inventory management and space
- Maximum Medicare reimbursement with two billing codes: E1390 & E1392
- Longer service intervals with lower maintenance costs

Regulate. To ensure proper patient oxygenation. Long term oxygen therapy needs to be carefully administered with the right equipment to provide the best treatment for the patient. The AARC suggests “titrate to saturate” and the Eclipse was made with that theory in mind. The Eclipse 2 produces a total of 3,000ml/min of oxygen, far more than any other device of its type currently on the market. This means the user will have more oxygen available for use at rest, during sleep, at exercise, and at altitude. It's Superior Oxygen Delivery.

- Only battery-operated concentrator in the world that produces 3 LPM Continuous Flow
- AutoSAT[™] Technology, a pulse delivery system, maintains a consistent

bolus size for every breath as your patients' respiratory rate changes

- Consistently delivers a fixed bolus size up to 96ml at a setting of six
- May have the ability to be compatible with CPAP and bi-level devices in Continuous Flow Mode
- The gold standard in oxygen delivery for nocturnal needs is still continuous flow
- FAA approved for commercial airline travel and operates up to 13,123 feet in altitude for land excursions

Device name	Oxygen Production Capabilities per minute (ml)
Eclipse [®] 2 (SeQual Technologies Inc)	3000 ml
EverGo [™] (Respironics Inc)	1050 ml
XPO ₂ [™] (Invacare Corporation)	950 ml
LifeStyle [™] (AirSep Corporation)	750 ml
Inogen One [™] (Inogen, Inc.)	750 ml
FreeStyle [™] (AirSep Corporation)	~500 ml



Saturate. To fulfill the patients' oxygen needs to encourage the greatest quality of life. The Eclipse 2 keeps up with various activities of daily living while providing enough oxygen and enough power. One system for ambulating around the home, the town and the world. It creates Stronger Referrals.

- Simplifies the patients' continuum of care with one device
- Replaces bulky equipment
- The sleek design is small, quiet and can lower electric bills
- AC/DC and battery power allows for longer excursion times even extended overnight travel
- Improved quality of life – active and healthier patients creates stronger referrals



Eclipse 2. To surpass and outshine. The only all-in-one oxygen system for 24/7 needs.

- AutoSAT™ Technology
- New easy-to-use LCD Display
- Approved for Rx of 0.5 – 3.0 LPM continuous flow
- Adjustable sensitivity settings
- More user-friendly educational materials for your patient
- Easier to access and read service and maintenance information
- Includes a telescoping-handled cart for easy mobility
- Automatically reverts to continuous flow when no breath is detected
- Operates over a wide temperature range
- 2007 Wall Street Journal Technology Innovation Award Winner



Eclipse 2 Oxygen System Specifications*

Size: H x W x D	19.3 x 12.3 x 7.1 inches 49.0 x 31.2 x 18.0 cm
Weight:	
With Power Cartridge	17.9 pounds (8.1 kg)
Without Power Cartridge	14.5 pounds (6.6 kg)
Continuous flow settings	0.5 to 3.0 LPM (0.5 liter increments)
Oxygen concentration	90% ± 3% @ sea level
Oxygen output pressure	5.0 psig (34.5 kPa) nominal
Sound level	48 dB(A) at 3.0 LPM continuous flow 40 dB(A) at 3.0 pulse flow setting
Power specifications:	
AC Operation	100 - 240 VAC, 50 - 60 Hz
DC Operation	12 V nominal
Power Cartridge	Quantity (2) 97.5 W-Hr battery packs each containing 7.92 grams of equivalent lithium content
Power Consumption	52 watts at 1.0 LPM continuous flow 145 watts at 3.0 LPM continuous flow 45 watts at 1.0 pulse flow setting 95 watts at 6.0 pulse flow setting
Nominal Power Cartridge operating time	2.0 hours at 2.0 LPM continuous flow 1.3 hours at 3.0 LPM continuous flow 5.2 hours at 2.0 pulse flow setting, 12 bpm 3.5 hours at 6.0 pulse flow setting, 12 bpm
Power Cartridge recharge time	1.8 to 5.0 hrs, dependent upon the flow setting, to achieve 80% capacity from a fully discharged Power Cartridge
Back up alarm power	9 Volt battery
Oxygen concentration indicator	Green Light = Normal Operation Yellow Light = Warning or Caution Red Light Flashing = Abnormal Operation
Operating temperature	50° F to 104° F (10° C to 40° C) at 82.4° F (28° C) dew point, non-condensing
Pulse flow settings	1.0 to 6.0
Trigger sensitivity	Adjustable between -0.25 cm H ₂ O to -0.7 cm H ₂ O

Pulse Bolus and Range of Breathing Frequency

Pulse Flow Setting	Bolus Size (± 15%)	AC Power Supply and Power Cartridge	DC Power Supply
		Max Breath Rate	Max Breath Rate
1.0	16	40	40
2.0	32	40	40
3.0	48	40	40
4.0	64	40	31
5.0	80	37	25
6.0	96	31	20

Altitude operating range
0-13,123 feet (0 - 4000 meters)

Transition to continuous flow
Yellow LED alert if no inspiration has been detected after 45 seconds. Switches to continuous flow if no inspiration has been detected for 60 seconds and a single beep.

Alarms/Alerts
Loss of power
Low Power Cartridge
Low Therapeutic Oxygen Output
Oxygen flow outside normal limits
No inspiration detected in Pulse Flow
Unit Malfunction

Model Selection Guide

Note: The Eclipse Oxygen System consists of Concentrator, Power Cartridge, AC Power Supply, DC Power Supply and Profile Cart with telescoping handle.

Item No: 5700
Eclipse 2 Oxygen System, Model 1000A
North American Power Cord, English Manual

Item No: 5701
Eclipse 2 Oxygen System, Model 1000A
Hospital Grade Power Cord, English Manual



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*Specifications subject to change without notice
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