

# Sequal Eclipse™ with autoSAT®

the next generation



## Personal Ambulatory Oxygen System (PAOS)™

Enhanced performance, revolutionary clinical benefits and innovative accessories take the next generation Eclipse to new heights. Its the all-in-one solution for your oxygen business—fulfilling both clinical needs and patient wants.

Oxygen. Anytime. Anywhere®

### **Simple.**

Streamlining oxygen delivery.

### **Trusted.**

Delivering patient satisfaction.

### **Proven.**

Consistently delivering on time, every time.

The Sequal Eclipse delivers,  
so you don't have to.



## Simple.

The Sequel Eclipse is a single solution, better for your patients and your business.

- Offers both continuous flow and pulse dosing options
- One machine for stationary, ambulatory and travel needs
- Lower operational costs by reducing monthly deliveries and simplifying inventory management
- Longer service intervals with lower maintenance costs
- The only system on the market that can be upgraded in the field as new technology becomes available

## Trusted.

Patients want the freedom to enjoy life at a moment's notice and the peace of mind that the reliable Eclipse delivers. It keeps up with the various activities of daily living while providing the individualized oxygen prescription. Oxygen anytime, anywhere.

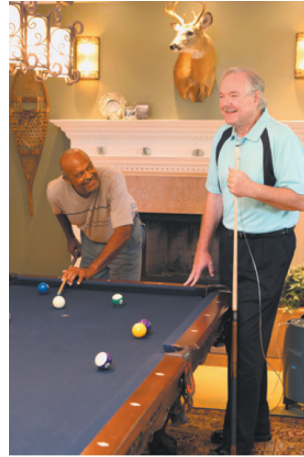
- Active and healthier patients create stronger referrals
- Simplifies the patients' continuum of care with one device
- No waiting for cylinder deliveries and replaces bulky equipment
- The sleek design is small, quiet and can lower electric bills
- AC/DC and battery power options extend therapy time and patient travel
- FAA Approved for commercial airline travel
- Accessory options that support an active lifestyle

## Proven.

The AARC suggests 'titrate to saturate' and the Eclipse was developed with that theory in mind. With a comprehensive dosing selection, a broader patient population can be treated at rest, during sleep, at exercise and at altitude. It's superior oxygen delivery.

- autoSAT™ Technology, a pulse delivery system, maintains a consistent pulse dose volume for every breath as your patient's respiratory rate changes
- Consistently delivers a fixed pulse dose volume up to 96mL (in increments of 16mL) in addition, three new pulse dose volumes of 128mL, 160mL and 192mL
- New control panel displays in either LPM or mL for a more accurate prescription verification
- Can be used with CPAP and bi-level devices in Continuous Flow

*eclipse*3™  
WITH  
autoSAT®



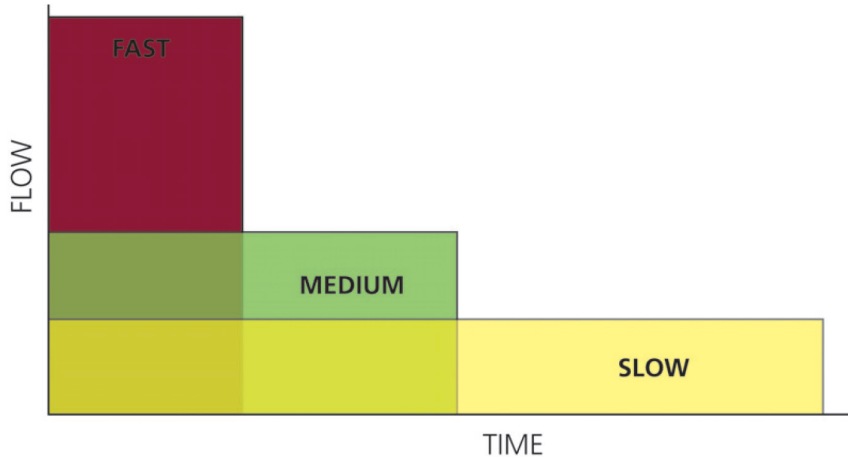


## Proven Reliability

**Greater than 99% product reliability success rate (out-of-box and over the product life.)**  
**Fewer device failures reduce patient call backs which lower operational costs.**

## Adjustable Rise Time Options

Three available rise time options—Fast, Medium and Slow  
Adjustable rise time allows the clinician to choose the pulse dose delivery waveform for patient comfort.



## Sequal Eclipse

The next generation Eclipse has arrived. The all-in-one oxygen system for 24/7 needs.

- autoSAT™ Technology
- Approved for Rx of 0.5 – 3.0 LPM continuous flow
- Pulse Dose volumes up to 96mL (in increments of 16mL) in addition, three new pulse dose volumes of 128mL, 160mL and 192mL
- mL and LPM dose LCD Display
- Three available rise time options—Fast, Medium and Slow
- Adjustable Pulse Dose sensitivity settings
- New innovative Universal Cart design allows for easy access to battery
- New AC and DC adapters that are smaller in size yet more durable
- More user-friendly alarm package
- In Pulse Dose Mode, if an inspiratory effort is not detected, the device will deliver a continuous flow of oxygen; continually searching for a breath every 15 seconds.
- Easy-access service and maintenance information



Standard Eclipse Accessories



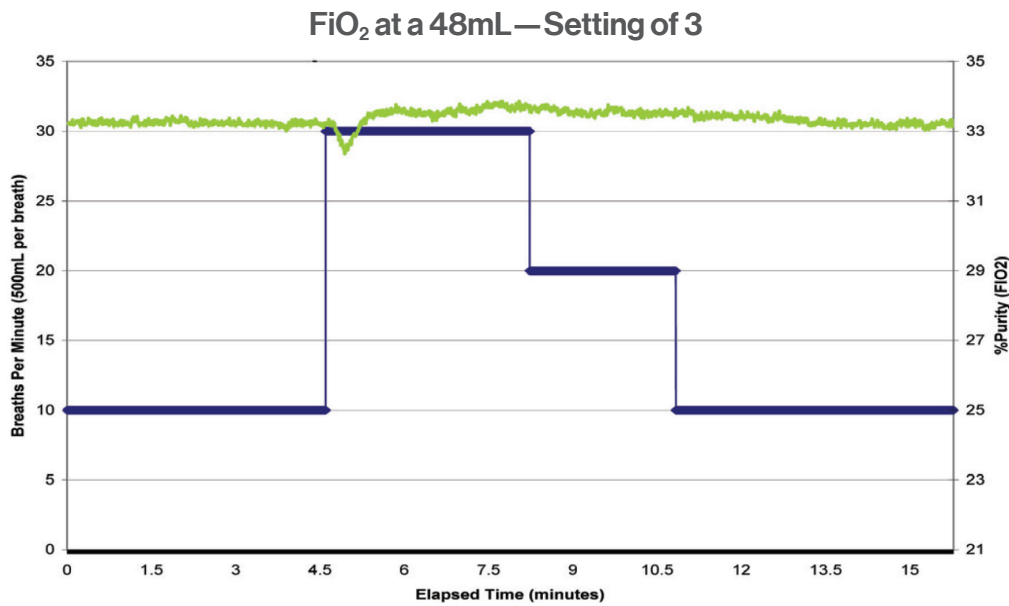
Desktop Charger PN #7112



The Eclipse, featuring autoSAT Technology, consistently maintains an FiO<sub>2</sub> by adjusting to the patient's respiratory rate. As their rate increases, the autoSAT feature will servo-control the device to automatically increase oxygen output to ensure uninterrupted delivery of the set pulse dose

volume. autoSAT™ provides the patient with unparalleled performance without limiting available oxygen, enabling the system to automatically adjust to increased oxygen demands that often occur as a part of a patient's everyday life.

## autoSAT™ Technology



autoSAT™ Technology chart referencing the Eclipse FiO<sub>2</sub> Pulse setting of 48mL

## Eclipse Oxygen System

### Product specifications

<b>Size: H x W x D</b>	19.3 x 12.3 x 7.1 inches 49.0 x 31.2 x 18.0 cm
<b>Weight:</b>	Eclipse 15 pounds Power Cartridge 3.4 pounds
<b>Continuous Flow settings</b> (measured in Liters Per Minute LPM)	0.5 to 3.0 LPM (0.5 liter increments)
<b>Pulse Dose settings</b> (measured in mL)	16-96 (16mL increments), 128mL, 160mL, 192mL
<b>Oxygen concentration</b>	90% ± 3% @ sea level
<b>Oxygen output pressure</b>	5.0 psig (34.5 kPa) nominal
<b>Sound level</b>	48 dB(A) at 3.0 LPM Continuous Flow Mode 40 dB(A) at 3.0 Pulse Dose setting
<b>Power specifications:</b>	
<b>AC Operation</b>	100-240 VAC, 50-60 Hz
<b>DC Operation</b>	12 V nominal
<b>Power Cartridge</b>	Quantity (2) 97.5 W-Hr battery packs each containing 7.92 grams of equivalent lithium content
<b>Power Consumption</b>	52 watts at 1.0 LPM continuous flow 145 watts at 3.0 LPM continuous flow 45 watts at 1.0 pulse dose setting 95 watts at 6.0 pulse dose setting
<b>Nominal Power Cartridge operating time</b>	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 dose setting, 12bpm 3.5 hours at 6.0 pulse dose setting, 12bpm

<b>Power Cartridge recharge time</b>	1.8 to 5.0 hrs, dependent upon the flow recharge time setting, to achieve 80% capacity from a fully discharged Power Cartridge
<b>Back-up alarm power</b>	9 Volt battery
<b>Oxygen concentration indicator</b>	Green Light = Normal Operation Yellow Light = Warning or Caution Red Light Flashing = Abnormal Operation
<b>Operating temperature</b>	50° F to 104° F (10° C to 40° C) at 82.4° F (28° C) dew point, non-condensing
<b>Trigger sensitivity</b>	Adjustable between -0.125 cm H <sub>2</sub> O to -0.40 cm H <sub>2</sub> O
<b>Altitude operating range</b>	0-13,123 feet (0-4000 meters)
<b>Alarms/Alerts</b>	Loss of power Low Power Cartridge Low Therapeutic Oxygen Output Oxygen flow outside normal limits No inspiration detected in Pulse Dose Mode Unit Malfunction

### Model Selection Guide

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

**Item No: 5900**  
**Eclipse Oxygen System, Model 1000B**  
North American Power Cord, English Manual

\* Specifications subject to change without notice E31009

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