

Eclipse[®] 2

Personal Ambulatory Oxygen System[™] (PAOS)

A majority of patients using oxygen want the freedom to enjoy life at a moments notice. Others want the piece 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.



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	2.4 hours at 2.0 LPM continuous flow 1.3 hours at 3.0 LPM continuous flow 3.6 hours at 2.0 pulse flow setting 2.1 hours at 6.0 pulse flow setting
Power Cartridge achieve	1.4 to 5.0 hrs, dependent upon the flow setting, to achieve
recharge time	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%)	Min Breath Rate	Ac Power Supply and Power Cartridge	10 Amp Switch Setting DC Power Supply	15 Amp Switch Setting DC Power Supply
			Max Breath Rate	Max Breath Rate	Max Breath Rate
1.0	16ml	6	40	40	40
2.0	32ml	6	40	40	40
3.0	48ml	6	40	40	40
4.0	64ml	6	39	31	39
5.0	80ml	6	31	25	31
6.0	96ml	6	26	20	26

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

Item No: 7091
Eclipse 2 Stationary Oxygen Concentrator System with AC Power Supply, NEMA Power Cord, English Manual

Item No: 7097
Eclipse 2 Oxygen Concentrator only, English Manual



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