

## Eclipse 5

### SPECIFICATIONS

Oxygen Concentration: 90%+5.5%/-3% (Based on 70°F [21°C] at sea level)

Continuous Flow Settings: 0.5 - 3.0 LPM (0.5 liter increments)

Pulse Dose Settings: 16-96mL, 128mL, 160mL, 192mL

O<sub>2</sub> Output Pressure (nominal): 5.0 psig (34.5 kPa)

Dimensions: 19.3 in. H, 12.3 in. W, 7.1 in. D (49.0 cm H, 31.2 cm W, 18.0 cm D)

Weight: 15 lb (6.8 kg); Battery cartridge 3.4 lb (1.5 kg)

Power: AC Power: 100-240 VAC, 50-60 Hz  
DC Power: 12 V nominal  
Battery Cartridge: (2) 97.5 W-Hr battery packs each containing 7.92 gm of lithium content

Power Consumption: 52 watts at 1.0 LPM CF, 145 watts at 3.0 LPM, 45 watts at 1.0 pulse dose, 95 watts at 6.0 pulse dose

Battery Duration: 2 hours (at 2 LPM continuous flow); 5.1 hours (at a pulse dose setting of 2)

Nominal Power Cartridge recharge time: 1.8 to 5.0 hours recharge time to achieve 80% capacity (dependent on flow)

Backup Alarm Power: 9 volt battery

Sound Level: 48 dBA at 3.0 LPM Continuous Flow Mode; 40 dBA at 3.0 Pulse Dose setting

O<sub>2</sub> Concentration Indicator: Green Light=Normal, Yellow= Caution <85%, Red Flashing=Warning <70%

Operating Temperature: 50°F to 104°F (10°C to 40°C) at 82.4°F (28°C) dew point, non-condensing

Trigger Sensitivity: Adjustable between -0.135 cm H<sub>2</sub>O to -0.37 cm H<sub>2</sub>O of negative pressure

Altitude Operating Range: 0-13,123 (0-4000 meters)

Alarms: Loss of power, Low battery, Low therapeutic O<sub>2</sub> output, O<sub>2</sub> flow outside normal limits, No inspiration detected in pulse dose mode, Unit malfunction

WARRANTY: Eclipse 5 carries a three-year parts warranty. The internal battery, is covered with a one-year warranty.

### ORDERING INFORMATION

6900-SEQ Eclipse 5 Transportable Oxygen Concentrator, Model 1000B, North American Power Cord, English Manual

## FreeStyle 5

### SPECIFICATIONS

Setting: 1-5 pulse settings

Oxygen Concentration\*: 90% oxygen +5.5/-3%

Dimensions: 10.7 in. H x 6.6 in. W x 4.4 in. D (27.2 cm H x 16.8 cm W x 11.2 cm D)

Weight: 6.2 lb (2.8 kg); 1.8 lb (0.8 kg) optional AirBelt

Power: AC Power: 100-240 VAC, 50-60 Hz, 2 amps  
DC Power: 12-24 VDC, 15 amps max  
Rechargeable, lithium battery

Battery Duration: 5 setting - 1 hours  
4 setting - 1.25 hours  
3 setting - 1.5 hours  
2 setting - 2 hours  
1 setting - 3 hours

Recharge Time: 3.25 hours

(Optional) AirBelt Duration: 5 setting - An additional 1 hrs; 2 hours total with AirBelt  
4 setting - An additional 1.75 hours; 3 hours total with AirBelt  
3 setting - An additional 2 hours; 3.5 hours total with AirBelt  
2 setting - An additional 2.5 hours; 4.5 hours total with AirBelt  
1 setting - An additional 4 hours; 7 hours total with AirBelt

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Recharge Time: 3 hours

Battery Cycle Life: Approximately 300 cycles, then 80% capacity or below

Warm-up Time: 2 minutes

Audible Alarms & Visual Indicators: Start-up, Pulse flow, Cannula disconnect  
Low battery, Battery charge state  
General malfunction

Operational Temperature: 41°F to 104°F (5°C to 40°C)

Storage Temperature: -4°F to 140°F (-20°C to 60°C)

Altitude: Up to 12,000 ft (3,657.6 m) (Higher altitudes may affect performance.)

WARRANTY: FreeStyle 5 carries a three-year parts warranty. The internal battery, as well as AirBelt, is covered with a one-year warranty.

### ORDERING INFORMATION

AS077-1 FreeStyle 5 Portable Oxygen Concentrator with US-style power cord

AS077-2 FreeStyle 5 Portable Oxygen Concentrator with European-style power cord

AS077-3 FreeStyle 5 Portable Oxygen Concentrator with Australian-style power cord

AS077-4 FreeStyle 5 Portable Oxygen Concentrator with UK-style power cord

## FreeStyle

### SPECIFICATIONS

Setting: 1-3 pulse settings

Oxygen Concentration\*: 90% oxygen +5.5/-3%

Dimensions: 8.6 in. H x 6.1 in. W x 3.6 in. D (21.8 cm H x 15.5 cm W x 9.1 cm D)

Weight: 4.4 lb (2 kg); 1.8 lb (0.8 kg) — optional AirBelt

Power: Universal Power Supply; AC Power: 100-240 VAC, 50/60 Hz (1.0 amp at 120 VAC)  
DC Power: 11-16 VDC (6.0 amps at 12 VDC)

FreeStyle Unit: 28 W nominal at 3 LPM

Battery Duration: 3 setting - 2 hours  
2 setting - 2.5 hours  
1 setting - 3.5 hours

Recharge Time: 3.5 hours

(Optional) AirBelt Duration: 3 setting - An additional 3 hours; 5 hours total with AirBelt  
2 setting - An additional 3.5 hours; 6 hours total with AirBelt  
1 setting - An additional 6.5 hours; 10 hours total with AirBelt

Recharge Time: 3 hours

Battery Cycle Life: Approximately 300 cycles, then 80% capacity or below

Warm-up Time: 2 minutes

Audible Alarms & Visual Indicators: Start-up, Pulse flow, Battery condition/level, Cannula disconnect, System overdraw, General malfunction

Operational Temperature: 41°F to 104°F (5°C to 40°C)

Storage Temperature: -4°F to 140°F (-20°C to 60°C)

Sound Level: 38 dBA at 1 setting  
41 dBA at 2 setting  
44 dBA at 3 setting

Altitude: Up to 12,000 ft (3,657.6 m) (Higher altitudes may affect performance.)

WARRANTY: FreeStyle carries a three-year parts warranty. The internal battery, as well as AirBelt, is covered with a one-year warranty.

### ORDERING INFORMATION

AS095-1 FreeStyle Portable Oxygen Concentrator with US-style power cord

AS095-2 FreeStyle Portable Oxygen Concentrator with European-style power cord

AS095-3 FreeStyle Portable Oxygen Concentrator with Australian-style power cord

AS095-4 FreeStyle Portable Oxygen Concentrator with UK-style power cord

## Focus

### SPECIFICATIONS

Setting: A 2 pulse setting

Oxygen Concentration\*: 90% oxygen +5.5/-3%

Dimensions: 6.4 in. H x 4.8 in. W x 2.5 in. D (16.4 cm H x 12.2 cm W x 6.1 cm D)

Weight: 1.75 lb (0.8 kg) — Focus unit; .53 lb (0.2 kg) — per battery (2 included); 1.8 lb (0.8 kg) — optional AirBelt

Power: Universal Power Supply, 100-240 VAC, 50/60 Hz; 11-16 VDC; Rechargeable, lithium battery

Battery Duration: 3 hours — 1.5 hours per battery (2 included)

Recharge Time: 4 hours

(Optional) AirBelt Duration: An additional 4 hours; 7 hours total with 2 batteries

Recharge Time: 3 hours

Battery Cycle Life: Approximately 300 cycles, then 80% capacity or below

Warm-up Time: 2 minutes

Audible Alarms & Visual Indicators: Start-up, Pulse flow, Cannula disconnect  
Breath rate, Low battery, Battery charge state, General malfunction

Operational Temperature: 41°F to 104°F (5°C to 40°C)

Storage Temperature: -4°F to 140°F (-20°C to 60°C)

Altitude: Up to 10,000 ft (3,048 m) (Higher altitudes may affect performance.)

WARRANTY: Focus carries a three-year parts warranty. The external Focus battery and AirBelt are covered with a one-year warranty.

### ORDERING INFORMATION

AS078-1 Focus Portable Oxygen Concentrator with US-style power cord

AS078-2 Focus Portable Oxygen Concentrator with European-style power cord

AS078-3 Focus Portable Oxygen Concentrator with Australian-style power cord

AS078-4 Focus Portable Oxygen Concentrator with UK-style power cord

### Airline Approvals

Eclipse 5, FreeStyle 5, FreeStyle, and Focus, are approved by the Federal Aviation Administration (FAA) for on-board, in-flight use.

### Accessories (FreeStyle 5, FreeStyle, and Focus)

BT017-1 AirBelt with battery, AC power supply, and US-style power cord

BT017-2 AirBelt with battery, AC power supply, and European-style power cord

BT017-3 AirBelt with battery, AC power supply, and Australian-style power cord

BT017-4 AirBelt with battery, AC power supply, and UK-style power cord

### International Approvals (FreeStyle 5, FreeStyle, and Focus)

CE 0459  
ISO 9001:2008 and ISO 13485:2003-certified

\*Based on an atmospheric pressure of 14.7 psia (101 kPa) at 70° F (21 °C). Operating unit outside of operational temperature range can affect performance.

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# SeQual Eclipse™ 5 with autoSAT™ AirSep FreeStyle™ 5 with UltraSense™ AirSep FreeStyle™ with UltraSense™ AirSep Focus™ with UltraSense™



## The Smallest and Lightest Oxygen Systems from Palm Size Portables to Continuous Flow Transportable Oxygen Concentrators

- Portable oxygen concentrators that offer 1-5, 1-3, or a 2 pulse setting
- Transportable oxygen concentrators that provide 0.5-3 liters per minute (LPM) continuous flow and up to a 192mL pulse setting
- Lightweight, non-delivery oxygen systems for real mobility
- Multiple power options for longer durations away from home
- FAA-approved for on-board, in-flight use



THE ART OF OXYGEN

Eclipse™ 5 Transportable Oxygen Concentrators  
FreeStyle™ 5 • FreeStyle™ • Focus™ Portable Oxygen Concentrators

## Live Life to the Fullest with CAIRE®'s Portable and Transportable Options!

Oxygen patients need a dependable oxygen system that will help maintain their active lifestyles and allow them to be more independent. The SeQual Eclipse™ 5, AirSep FreeStyle™ 5, AirSep FreeStyle™, and AirSep Focus™ will fulfill all of their oxygen needs. With CAIRE's complete line of transportable and portable oxygen concentrators (POCs) patients will have the freedom to do anything and go anywhere they desire. Supplemental oxygen users can now participate in an all-day, outdoor music fest, a sporting event, a continuing education class, or even enjoy the added benefits of these units during extended travel.

These easy to use, contemporary-looking devices are FAA-approved\* for on-board, in-flight use, and offer multiple power options for extended use away from home.

(See Specifications on the back of this brochure for each model.)



SeQual's Eclipse 5

Eclipse 5 Accessory Bag (7104-SEQ) and Universal Cart (5991-SEQ)

## The Next Generation: SeQual Eclipse 5 — Powerful Enough to be a Stationary System and Mobile Enough to Ambulate

The new generation of SeQual Eclipse raises the bar for POC performance. The Eclipse 5 features the same benefits that you love about the Eclipse 3, but with next generation internal components that enhance the reliability of the POC. The Eclipse 5 goes where you go, with improved DC power operation that allows for full functionality of the Eclipse 5 when running from DC outlets. All continuous flow settings, up to 3 LPM, as well as all pulse flow settings, including the largest super setting of 192 mL, are available while in operation on DC power. The Eclipse 5 battery will also charge while the unit is connected to DC power, which eliminates any anxiety of failed batteries on long road trips.

### Eclipse 5 Features and Benefits:

- 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 8mL) in addition to three pulse dose volumes of 128mL, 160mL and 192mL
- FAA-approved for on-board, in-flight use
- **NEW: All continuous flow and pulse dose volumes available while operating on DC power**
- **NEW: Battery cartridge will re-charge when unit is connected to DC power**
- **NEW: Next generation internal components enhance unit reliability**



AirSep's FreeStyle 5 with carrying bag

### AirSep FreeStyle 5 — High Capacity POC

FreeStyle 5 offers five pulse setting options, which ensure that even your more challenging ambulatory O<sub>2</sub> patients can exercise and have access to the oxygen they need — all in a lightweight, compact, portable unit. FreeStyle 5's pulse-flow delivery enables higher-flow patients to be as active as possible.

FreeStyle, FreeStyle 5, and Focus are equipped with UltraSense™ technology, which provides a more sensitive pulse dose delivery than competitor devices, even those that include a "sleep mode" setting. The advanced intelligence built into the microprocessor of the Focus ensures fast, reliable pulse dose delivery in the first phase of inhalation, when the highest levels of gas exchange are occurring in the lungs. This gives providers and patients alike the peace-of-mind that with UltraSense, patients are reliably receiving the oxygen they need, when they need it most.

A lightweight AirBelt™ accessory, which was designed to be conveniently worn around the waist, ensures that extended battery time between recharges is possible. This option can be marketed to patients, affording them the ability to maximize duration time on FreeStyle 5 for those occasions when AC or DC power is not readily available.

\*for US-based airlines or those departing from or landing in the US. CAIRE advises to consult directly with international carriers for up-to-date regulations on POCs.

### FreeStyle 5 Features and Benefits:

- The lightest higher-capacity POC on the market at 6.2 lbs (2.8 kg)
- Optional harness to convert from carrying bag to backpack
- Up to 7 hours between battery recharges with the optional AirBelt at setting 1
- FAA-approved for on-board, in-flight use



AirSep's FreeStyle with carrying bag

### AirSep FreeStyle — Lightest, Full-featured POC up to a 3-Setting

Like FreeStyle 5, FreeStyle can be used as an ensemble consisting of the portable oxygen concentrator, comfortable carrying case, and matching AirBelt. The unit provides three pulse settings. The flexible, swivel oxygen outlet allows for comfortable positioning of the cannula.

Through the transparent control panel cover, the unit also displays a battery test button, which is used to verify the status of the internal battery. Soft-touch buttons, enhanced with Braille on the unit to note the pulse settings, further hallmark this product's exceptional design and attention to detail.

The battery belt offers not only fashion but function for those who won't leave home without the added assurance of additional hours on FreeStyle, which is equipped with its own battery indicators.



Convertible Carrying Bag shown as worn over shoulder (soft-sided with comfort strap) Part No. MI371-1 (FreeStyle 5), MI283-1 (FreeStyle)

Optional AirBelt worn at the waist

Backpack Harness for Convertible Carrying Bag Part No: MI284-1

### FreeStyle Features and Benefits:

- Ultra-lightweight at 4.4 lbs (2.0 kg)
- Optional harness to convert from carrying bag to backpack
- Up to 10 hours between battery recharges with the optional AirBelt at setting 1
- FAA-approved for on-board, in-flight use



AirSep's Focus with carrying bag

### AirSep Focus — Compact, Palm-Sized POC

The simple-to-handle, easy-to-carry 1.75 lb (0.8 kg) Focus is the lightest, wearable POC on the market. Focus provides the solution to the most common issue of finding an oxygen system that a patient can carry — and even feel good about carrying. Oxygen patients are uplifted from the burden of the extra weight with a system that is more than what is needed to meet their clinical requirements. No confusing or complicated control panel read-outs; just flip a switch for Focus to turn on and do the job. Focus puts a spotlight on your savings, while providing your patients with a variety of travel advantages.

Focus is equipped with two external micro-batteries at one-half pound (0.2 kg) each, that provide advanced duration times in a very small package that easily attaches at one's hip, on a belt, or even to the unit's own shoulder strap. Each battery features an LED keypad display in 25 percent increments, which enables patients to have a visual indicator of the state of battery charge. The optional AirBelt can also be used with Focus to extend a patient's stay away from other power sources even longer.

### Focus Features and Benefits:

- Most wearable POC at 1.75 lbs (0.8 kg)
- Operates on external micro-battery
- Up to 7 hours with its two micro-batteries and AirBelt
- FAA-approved for on-board, in-flight use



Carry-All-Bag for AirSep POC Accessories Part No: MI372-1 (FreeStyle 5), MI320-1 (FreeStyle & Focus)