

## QUICK REFERENCE GUIDE



### Focus™

#### Portable Oxygen Concentrators with UltraSense™

#### Flow Rates

Pulse Setting of 2

#### Weight

1.75 lbs (0.79 kg)

#### Batteries

1. Focus Battery Packs will run approx 90 minutes ea.
2. Each Focus unit comes with 2 battery packs (3 total hours of battery time).
3. Focus replacement batteries part # BT023-1
4. Each Battery weighs 0.53 lb (0.24 kg)
5. Focus bag with battery pockets (MI379-1) will hold 2 batteries.

#### AirSep® External Power Cartridge

1. The AirSep External Power Cartridge will power the Focus for 3.5 hours.
2. Focus adapter cable (part #CD035-1) needed for use with Focus

#### AirBelt™ Use

1. The AirBelt (Optional) will power the Focus for 4 hours.
2. Focus adapter cable (part #CD035-1) needed for use with Focus

#### Recharge Time (fully discharged)

Focus battery pack - approx 4 hours.

May be re-charged from AC or DC power.

AirBelt (optional) - 3 hours.

#### Battery Gauge / LED Indicator

Each Focus battery has a 4 LED battery gauge built into the case with a push-button control. This LED gauge is dual purpose, and will indicate the following in 25% increments:

1. Battery Life - push the battery button on the battery case to see how much capacity is remaining in the battery.
2. Charging Status - when charging the battery, the LED's will flash and illuminate to indicate how much of the battery is charged.

#### ON/OFF Switch

Each Focus unit comes with a flexible, coiled, power cord with an inline on/off rocker switch which is used to turn the unit on and off. This cord must be connected to the Focus and a battery to run the unit on battery power.

The Universal Power Supply has a cord attached with an on/off rocker switch to turn the unit on and off. To run the Focus from AC/DC power, this cord must be connected to the unit.

#### Oxygen Concentration

The Focus POC is designed to produce 90% oxygen (-3% / +5.5%).

#### Power Supplies

1. Each Focus unit comes with an AC (STD wall outlet) and DC (automotive style) power cords that each connect to the Universal Power Supply. You may operate the Focus unit, and/or recharge the batteries from either power source.

- The Focus Universal Power Supply is rated for 100-240VAC and 50-60Hz. When traveling, the Focus power supply will automatically adjust to the specific power voltage for each country. If needed, you may use outlet adaptors. They can be purchased directly from CAIRE or your local electronics store.

## Nasal Cannula & Tubing

The Focus unit uses a standard nasal cannula. Note: cannula and/or tubing should not exceed 25 ft (7.62 m).

## Alarm/Light Indicators

Alarm	Visual	Audible
Low Battery Alarm	Amber Light - 1 - half second flash and a 5 second pause	1- half second beep and a 5 second pause
Battery Shutdown	Amber Light - 2 - half second flash and a 5 second pause	2- half second beep and a 5 second pause
No Inspiration/Cannula Disconnect (15 min.)	Amber Light - Solid	Continuous Beep
Breath Rate Exceeded	Amber Light - 3 - half second flash and a 5 second pause	3- half second beep and a 5 second pause
Malfunction	Red Light - 2 - half second flash and a 5 second pause	2- half second beep and a 5 second pause
High Temperature	Red Light - 3 - half second flash and a 5 second pause	2- half second beep and a 5 second pause

## Checking Oxygen Concentration/Test Mode

- Connect the Focus unit to AC Power (plug it into the wall).
- Turn the unit on, and you will observe on the top of the unit, on each side of the power plug, the two lights (red/green) flashing alternately.
- After 10 seconds, the flashing lights will stop and the unit will begin to cycle normally. When the lights stop flashing, you will have 6 seconds to then turn the unit off and on 3 times. This will put the Focus into test mode.
- To verify that the unit is in test mode, (after turning the unit off and on 3 times), you will notice that both lights will temporarily flash on simultaneously, AND the unit will give you a confirming alarm beep for about 2 seconds. After that you should begin to hear the unit auto pulse about every 2 seconds.
- Once you have verified that the unit is auto pulsing, let it run for about 5 minutes and you may then attach it to your oxygen analyzer.
- Oxygen specification for Focus is 90% (-3% / +5.5%).

**NOTE: IF YOU ARE UNABLE TO HEAR THE UNIT AUTO PULSE, TURN THE UNIT OFF AND BEGIN AGAIN WITH STEP 2**

## Hour Meter

- Hours may be obtained by connecting the Focus to a USB port on a computer using the Data Interface Kit (KI406-1).
- Hours may be obtained using the following procedure:
  - Turn the Focus on and allow it to warm up for approximately 10 seconds. The red and green light will alternately flash during this time.
  - Once the warm up is complete, only the green light will remain on. Within 4 seconds, turn the Focus off.
  - To enter Time Reading Mode the unit will need to be turned on and off 6 times leaving the unit on and running the sixth time.
  - Once in Time Reading Mode, the unit will display the number of hours in the following manner:
    - The yellow LED will flash and the unit will beep indicating the digit in the ones place
    - The red LED will flash and the unit will beep indicating the digit in the tens place
    - The green LED will flash and the unit will beep indicating the digit in the hundreds place
    - Both the red and green LEDs will flash and the unit will beep indicating the digit in the thousands place.
    - Once the full number has been displayed, the unit will reset and start the sequence again.

As it resets, the red and green LEDs will be lit and the unit will beep for approximately 2 seconds
  - To exit Time Reading Mode, the unit will need to be powered off and then back on.

## Routine Maintenance

The Focus POC requires minimal maintenance. A periodic concentration check is required, and its check interval is to be determined by the Oxygen Provider. The felt compressor inlet filter should be replaced every 5,000 hours.

**Contact Customer Support 1-800-482-2473 or Technical Service 770-721-7759**