

Remote Oximetry Using the ResMed AirCurve 10™

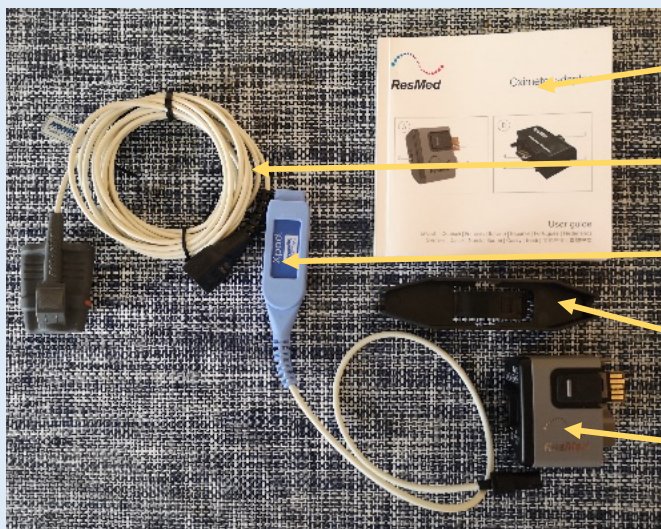
You have been provided the necessary equipment to monitor your oxygen level during therapy with your ventilation device from the Ventilator Equipment Pool (VEP). Your physician and ventilation care team has determined that this is an important tool in the assessment and management of your respiratory condition.

Below you will find the information you will need to set up the equipment needed to monitor your oxygen levels the AirCurve 10™.

Oximetry information collected will be downloaded wirelessly by the AirCurve 10™ to a program known as AirView™. For those clients who have not consented to the transmission of ventilator data via this format, the information can also be captured via the SD data card found in your device.

If you have any questions, contact the VEP during regular business hours at the number found at the bottom of this document.

ResMed oximeter adapter, Xpod oximeter, Finger pulse sensor



Xpod oximeter manual

Finger pulse sensor (sensor supplied may vary depending on age of client)

Xpod connector (cable)

Xpod fixation clip (secures cable to sensor)

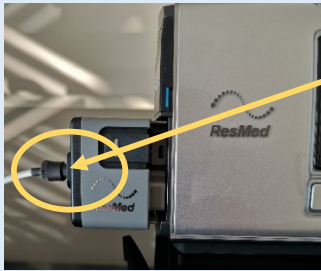
Xpod oximeter connector



The oximeter adapter port is located on the front left side of the AirCurve 10™. It has a rubber cover plate that must be lifted back to expose the adapter port.

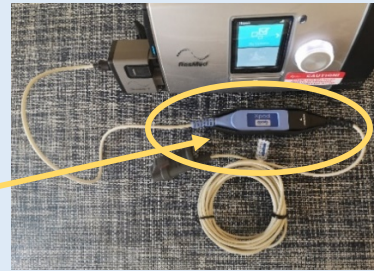


Align the Xpod oximeter connector with the oximeter adapter port and connect them.



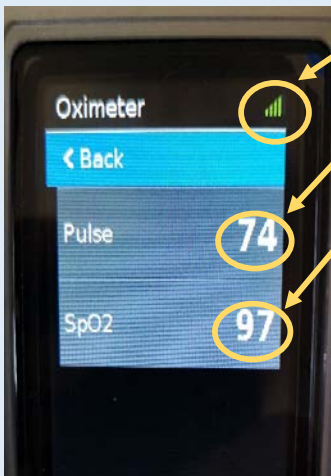
Connect the Xpod oximeter to the Xpod oximeter connector (cable).

Connect the Xpod oximeter to the finger pulse sensor.



To access the oximeter menu on the AirCurve 10™, highlight the "My Options" in the main menu. Push the dial switch to access "My Options".

Using the dial switch, turn the knob until "View Oximeter" is highlighted. Once highlighted, push the dial to access the Oximeter page in the menu. The "View Oximeter" will only be available if the oximeter is correctly installed.

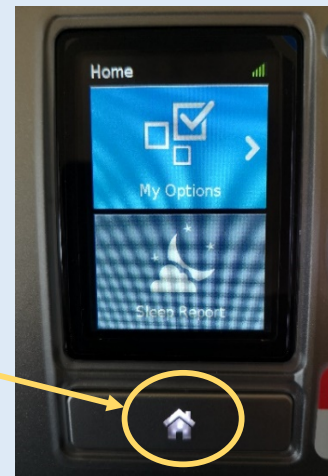


Wireless signal strength

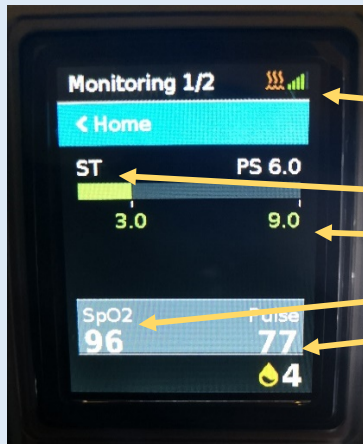
Pulse rate (heart rate)

SpO2 (oxygen saturation)

To return to the main menu, push the "Home" button located below the main screen. You are now ready to start your therapy.



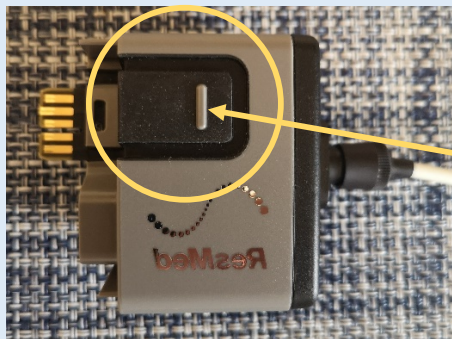
When you are ready to start your therapy, make sure the sensor is on your finger and the device shows a good signal (accurate pulse reading). If you need to pause your therapy: stop therapy, remove your mask, and remove the finger sensor. When ready to resume therapy: reapply the sensor, reapply your mask, and restart therapy.



During therapy, the monitoring screen will display the following:

- Wireless signal strength (**not SpO2 signal strength**) **only seen when connected to "AirView™"**
- Mode of ventilation
- Ventilation pressures
- SpO2 (oxygen saturation)
- Pulse (heart rate)

If the SpO2 and/or pulse rate are not displayed, reposition finger sensor and recheck.



To disconnect the oximeter from the AirCurve 10™, simultaneously squeeze the unlock buttons (one located on the front and one located on the back of the Xpod oximeter connector). Pull the connector out.

Important Points to Remember:

- The remote oximeter equipment is loaned temporarily by the Ventilator Equipment Pool. Following completion of the test and the downloading of the remote data, the equipment will be returned to the VEP for cleaning and recycling. Instructions will be provided to you regarding how to return the equipment.
- A good quality test requires that the oximeter be in place during your night time therapy. Sufficient quantity and quality of the data results are dependent on you leaving the oximeter in place for the entire night if possible.
- The accuracy and reliability of the oximetry results are dependent on a good quality signal. When placing the oximeter sensor of your finger, make sure the pulse rate (heart rate) displayed on the "Oximeter" screen accurately reflects your pulse rate.
- Change the sensor site if a good signal is not captured by the oximeter.
- Change the sensor site at least every 4 hours to ensure good circulation to the finger, and signal quality to the oximetry sensor.
- Make sure all connections are secure. Use the Xpod fixation clip (see picture above) to ensure the finger sensor stays firmly attached to the oximeter cable. This will prevent the probe from becoming dislodged from the cable.

- **For those clients who routinely use a stand-alone oximeter supplied by the VEP (example: Masimo Rad8), place the oximeter probe for the remote oximetry on another digit. Continue to use your current oximeter as you normally would.**
- Oximetry values may differ from the values seen with your bedside oximeter (if you are using one). Different oximeters/sensors may have different measurement tolerances affecting their readings. **Continue with the remote oximetry.**
- To ship back the oximeter to the VEP, use the original packaging sent to you with the oximeter. A way-bill has been provided in the packaging. **Remove your address** from the packaging and replace it with the **return label to the VEP**. Call the VEP during regular business hours when ready to return the equipment and they will make arrangements on your behalf with a courier for pick up.

Contact the Ventilator Equipment Pool or your ventilation care team should you encounter any difficulties with setting up the oximeter for remote monitoring. It is a good idea to set up the oximeter during the day in case you have any questions or difficulties. The VEP can be contacted during regular business hours to help you with any concerns you may have.

A companion video: **Remote Oximetry Using the ResMed AirCurve 10™** can be found on the VEP website @ www.ontvep.ca

Disclaimer

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