

Hamilton C1/T1

C1 battery approx. 4 hours T1 battery approx. 9 hours

Note if ventilator tubed and capped at end (photo A) the device has been set up by a technician and there is no requirement to exchange the expiratory valve and membrane or perform the pre-use checks. Skip steps 1-4 and step 8.

A



1. Remove the expiratory valve and membrane from the expiratory part of the device.
Twist the valve to the left to release.
Place valve and membrane in appropriate container for collection by technician – will be sent to CSSD.

2. Collect clean expiratory valve and membrane.

3. Twist the valve to the right to click into position.

4. Connect the circuit and flowsensor (blue to blue, white to white) at side of ventilator (picture 4).

5. Plug into mains and connect oxygen hose to port.

6. Turn device on using **Power/standby** button.

7. Device self-tests and enters **Standby**.

8. Select **Preop check**.

Perform flowsensor calibration – select **Flow sensor** tab – follow prompts and use flowsensor adapter provided in packet when required.

Perform tightness check – select **Tightness** tab - follow prompts

Perform oxygen cell calibration – select **O2 cell** tab – follow prompts

1



2



3



4

Flowsensor adapter

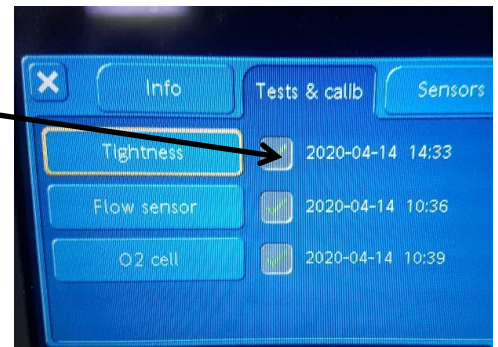


Power/standby



Preop check

Preop checks performed – screen indicates pass with green tick, time/date.



NOTE O2 calibration can be performed during ventilation via **System tab, Tests & Calib** & then **O2 Cell**

9. Select **Modes** – select desired mode (**Pressure-SIMV, Spont, NIV-ST, APRV**). Select **Confirm** tab.

10. Set desired settings – additional tabs if required. Select **Confirm** tab.

NOTE controls can also be accessed by **Controls** tab on screen.

11. Set appropriate alarms via the **Alarms** tab on screen.

User can use touch screen or control knob to highlight parameter and control knob to confirm by pushing. X to close

12. Select **Start Ventilation** to commence ventilation.

13. To stop ventilation – press **Power/standby** button and press **Activate Standby** on screen. To turn off press and hold **Power/standby** button for 3 seconds.



For full monitoring parameters select Monitoring tab on screen.

Hard keys on right include – inspiratory hold, O2 100%, nebulizer, day/night.

Top waveform preset = pressure/time, press middle of screen to access trends, loops, waveforms.

Battery status can be checked under **System** tab on the info page.

Troubleshooting:

Leaks – check expiratory valve, flowsensor connection ventilator and patient end.