

VM3COP43.03 Maxtec MAXO2+AE Function Check Procedure

Equipment required:

Flow diverter - Maxtec

Calibration assembly - PN:0121205

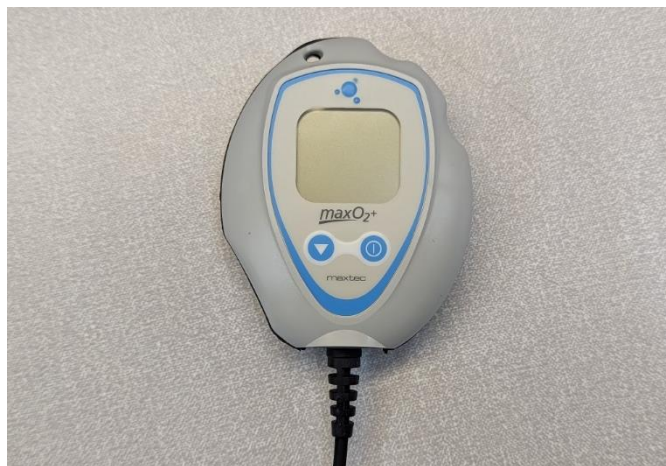
Gas sample tubing

Medical Oxygen UN1072

Medical Air UN1002

MAX-250E Oxygen sensor – PN: 0110429

- 1) Connect the MAX-250E Oxygen sensor to the sensor cable.
- 2) If there is a protective film over the Oxygen sensor surface, then peel it back and allow the sensor to be exposed to air for 30 minutes.
- 3) Activate the unit by pressing the power button on the front of the device.
- 4) Press the ▼ calibration button until CAL is displayed.



- 5) The analyser should display 20.9 when tested in air.




- 6) Attach the flow diverter to the sensor thread.



- 7) Insert the flow diverter into the calibration assembly.
- 8) Connect the gas sample tubing to the calibration assembly and the UN1072 Oxygen source.



9) Allow the Oxygen to flow at 3 litres per minute.

10) After 30 seconds, press the  calibration button until CAL is displayed.

11) The analyser should display 100%.



12) Remove the Oxygen source and connect the gas sample tubing to the UN1002 air source.

13) Allow the air to flow at 3 litres per minute.

14) After 30 seconds the Oxygen reading should be $20.9 \pm 1\%$

