

COMPANY OPERATING PROCEDURE

AX300 Analyser VM3/COP/38.04

Date:14-Nov-03

Revision Date:15-Aug-11

Issue: 1.1

Test equipment required

R17 Oxycal, R17 O₂ Sensor.

Inspection

N.B. Open the packaged Instrument and check the contents for:

- Sensor and Diverter
- Sensor Cable
- T-Adapter
- V-mount Adapter
- AA Batteries
- Instruction Manual

Ensure that the above equipment and accessories are the correct ones to the specification.

Test Procedure

1. Take the AX300 and R17 O₂ sensor out of their packaging and examine for signs of physical damage and leaking electrolyte from the sensor.
2. Connect the sensor lead to AX300.
3. Fit the batteries – the AX300 should automatically switch on.
4. Ensure that a full battery symbol is shown and the readout is flashing 00.0 +/- 1.0% oxygen concentration.
NB If the unit fails to show a suitable reading at this stage the AX300 is faulty. The unit and accessories should be repackaged and left at goods-in, in a ducket with a Hold Note attached.
5. Connect a calibrated R17 Oxycal to the AX300.
6. Switch the Oxycal to 100%.
7. Wait for a few seconds and then press the CAL button. The unit counts down from 9 to 0. Ensure the AX300 shows 100.0 +/- 1.0% oxygen concentration.
8. Press LOCK / UNLOCK once and ensure the readout stops flashing.

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Switch the Oxycal to 21% and ensure that the readout shows 21.0 +/- 1.0% oxygen concentration.

NB If the unit fails to show a suitable reading at this stage the AX300 is faulty. The unit and accessories should be repackaged and left at goods-in, in a duckett with a Hold Note attached.

9. Release the Oxycal switch and ensure the AX300 shows 00.0 +/- 1.0% oxygen concentration, that the ✓SENSOR / display backlight / alarm cancel are flashing and that an audible alarm is produced.
10. Press and release the alarm cancel button once on the AX300; the alarms should not cancel.
11. Disconnect the Oxycal and connect the R17 sensor.

Ensure the AX300 shows 14.7% to 27.3% oxygen concentration and that all alarm indications stop.

NB If the unit fails to show a suitable reading at this stage the cell is faulty. The cell should be repackaged and left at goods-in, in a duckett with a Hold Note attached. The replacement fuel cell should be tested as per the above procedure.

12. Press LOCK / UNLOCK once and ensure the readout and battery symbol start to flash.
13. Switch off by pressing I/O.
14. Disconnect the fuel cell and cable. Repackage as per the O₂ sensor test procedure (VM3COP37.35).
15. Remove the batteries from the AX300.
16. Label the AX300 with Viamed sticker if necessary.
17. Repackage the AX300 and accessories.
18. Label the box as necessary for UK or export.
19. Ensure that the AX300 and sensor are booked out in the stock books.