

**COMPANY OPERATING PROCEDURES**

Teledyne R17MED (PN 0110017), R17A (PN 0110117),  
R17AH (PN 0110137), R17VAN (PN 0110217),  
O<sub>2</sub> Sensor Test Procedure

VM3/COP/37.35

Date: 3-Feb-03

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Issue: 3

**Test & Equipment Required**

Functional test required using R17 tester and R17 test adapter, (digital multimeter and 3.5mm jack plug adapter).

Output specification as in document: (VM3COP37.00, column (i)).

**Method.**

1. Open the packaging and remove the O<sub>2</sub> sensor.
2. Check the O<sub>2</sub> sensor for damage and signs of leaking electrolyte.
3. Connect the O<sub>2</sub> sensor to the R17 tester, select 200mV range (marked with arrows) and wait for a few seconds for the meter reading to stabilise.
4. Check for an output 10.5mV +/- 3 mV
5. If no, or very low output, or sensor is returned as faulty leave the O<sub>2</sub> sensor exposed to air for 1 Hours Minimum.
6. If the O<sub>2</sub> sensor fails the output specification test, it should be left unsealed and boxed, placed in a docket and put on the goods in desk with a short note explaining why it failed, ready to be booked in with a SRN.
7. Disconnect the O<sub>2</sub> sensor from the R17 tester and label with Viamed stickers if appropriate.
8. Reseal in serial numbered packet, integrity seal the edge of the packet with initialed and dated Viamed sticker and re-box.