

COMPANY OPERATING PROCEDURESTeledyne R30 (0110030)
O₂ Sensor Test Procedure

VM3/COP/37.42

Date: 3-Feb-03

Revision date: 25-May-11

Issue: 3

Test & Equipment Required

Functional test required using the R30 tester and the R30 test lead (D.V.M. and adapter cable with jack).

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

Method.

1. Open the packaging and remove the O₂ sensor.
2. Check the O₂ sensor for damage and signs of leaking electrolyte.
3. Check for an output. If no, or very low output, or sensor is returned as faulty leave the O₂ sensor exposed to air for 1 Hours
4. Connect the O₂ sensor to the R30 Tester, select 200mV range (marked with arrows) and wait for meter reading to stabilize. Ensure that the meter reading lies within the output specification range, 8mV-12mV If the O₂ sensor fails the output specification test, it should be resealed 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.
5. Disconnect the O₂ sensor from the R30 tester and label with Viamed stickers if appropriate.

Reseal in serial numbered packet, integrity seal the edge of the packet with initialed and dated Viamed sticker and re-box.