

COMPANY OPERATING PROCEDURE

VN 202 - Repairs VM3/COP/40.01

Date: 23 Sep. 03

Revision Date: 26-Sep-11

Issue: 1

Test and Equipment Required

- 1.0 Visual and functional test required – **EQUIPMENT REQUIRED – Microcal or sensor to check the cable and calibration potentiometer, voltmeter to check for battery drain and voltage of battery.**

Goods-In

- 1.0 Book the goods into the system; the procedure is the same as Viamed Except that the complete packaging is forwarded to the Vandagraph office.
- 2.0 File a copy of the work sheet with the original customer correspondence on Repairs file and send a copy of both back with the repaired item.

Method

- 1.0 Check the case and the cable for damage.
- 2.0 If the battery is in – check the battery condition, if not up to standard replace with a new battery.
- 3.0 Check the condition of the battery connections.
- 4.0 Check the L.C.D. for obvious faults.
- 5.0 Check the “Offset” at “-3 to +3 (Maximum), if the reading is greater than “±1” then reset to optimum.
- 6.0 Add Sensor Check calibration in Air – this should be reading “20.9” steady. Check in 100% Oxygen, check calibration returns to “21%” in Air.
- 7.0 Check the cable Analyser end for intermittent faults, Check the cable at the Sensor end for intermittent faults.
- 8.0 Rotate the sensor and check for dead point.
- 9.0 **Check the PCB for any water damage or dry solder joints.**
- 10.0 **Check for battery drain.**
- 11.0 Check auto – switch off.
- i) Yellow button switch-off automatic after 2-3 minutes
 - ii) Green button push for “ON” push for “OFF”
- 12.0 Check the labels and replace where necessary.
- 13.0 Clean the case with a soft damp cloth, clean or replace the carrying case if necessary.
- 14.0 **Once complete remove battery ready for despatch/storage**

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15.0 Fill in the work sheet completely.