

VANDAGRAPH

COMPANY OPERATING PROCEDURE

R22ADD Assembly VM3/COP/40.15 R22ADD

Date:	Revision Date: 25-Jan-12	Issue: 1
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Used in Dive Dynamics Oxygen Monitor Pt Number 9212-0

Parts Required			
Quantity	Description	Part No.	
1	R-22MED: R-22A: R-22BUD are all equivalent)	R22 Sensor;	
1	White Box & Lid		
1	wire 10 cm Black		
1	wire 10 cm Red		
2	Pins Farnell	143-116	
1	Shell Farnell	143-126 2 pin	
1	Packing Material		
1	Round "Vandagraph" Label		
2	Serial number Labels		
1	Polythene Bag (outer)		

Method.

1. Open the packaging and remove the O₂ sensor.
2. Check the O₂ sensor for damage and signs of leaking electrolyte.
3. Test Sensor
4. Remove the O₂ sensor specification leaflet and discard.
5. Remove excess outer case unto level of PCB. VM3COP40.11 Remove the Molex and connect wires with remote 2 way molex.
6. Pay attention to wire positions on the PCB
Black to BLK: Red to RED
7. The lock position on the molex
8. The center is left unconnected
9. Red to Right flat side of molex
10. Label sensor with R-22ADD
11. Test for output 9-13mV.
12. Package in gas barrier bag

