VANDAGRAPH

COMPANY OPERATING PROCEDURE

R22ADD Assembly
VM3/COP/40.15 R22ADD

Date:	Revision Date: 7-Apr-11	Issue: 1

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 O_2 sensor.
2. Check the O_2 sensor for damage and signs of leaking electrolyte.
3. Test Sensor
4. Remove the O_2 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.

    a. Pay attention to wire positions on the PCB Black to BLK: Red to RED
    b. The lock position on the molex
    c. The center is left unconnected
    d. Red to Right flat side of molex
6. Label sensor with R-22ADD
7. Test for output 7-13mV.
8. Package in pill Pill box
9. Add R-22ADD labels to pill box