

Project : Diving O₂ Analysers.

Alpha-1, O₂ Analyser.

Sensor : DO₂ oxygen sensor.
Serial no. 113533 110.
Alpha-1 Control Solutions,
London, N128BT.
Tel : 07770 988027.
Fax : 0208 446 6546.

+ve to molex connector red, -ve to black.

Cal range : 2.3%.

Set to read 21% in air with cal pot set to centre.

All components sealed below polymer, except miniture pot.
9V PP3 battery.

Voltage levels (in mV) for req'd O₂ settings.

0% O ₂ .	1% O ₂ .	2% O ₂ .	3% O ₂ .	4% O ₂ .	5% O ₂ .	6% O ₂ .
0.0	1.5	2.8	4.2	5.6	6.9	8.3
7% O ₂ .	8% O ₂ .	9% O ₂ .	10% O ₂ .	11% O ₂ .	12% O ₂ .	13% O ₂ .
9.7	11.1	12.5	13.8	15.2	16.5	18.0
14% O ₂ .	15% O ₂ .	16% O ₂ .	17% O ₂ .	18% O ₂ .	19% O ₂ .	20% O ₂ .
19.3	20.7	22.1	23.4	24.8	26.2	27.6
21% O ₂ .	22% O ₂ .	23% O ₂ .	24% O ₂ .	25% O ₂ .	26% O ₂ .	27% O ₂ .
28.9	30.3	31.7	33.1	34.4	35.8	37.2
28% O ₂ .	29% O ₂ .	30% O ₂ .	35% O ₂ .	40% O ₂ .	45% O ₂ .	50% O ₂ .
38.6	40.0	41.4	48.3	55.2	62.1	69.0
55% O ₂ .	60% O ₂ .	65% O ₂ .	70% O ₂ .	75% O ₂ .	80% O ₂ .	85% O ₂ .
75.9	82.8	89.7	96.9	104	111	117.5
90% O ₂ .	95% O ₂ .	100% O ₂ .				
124.5	131.5	138.5				