

Sensor Specifications:

Gas detected:	Carbon dioxide (optional oxygen sensor may be fitted)
Measurement technique:	Infra-red (oxygen - electrochemical)
Range:	0.1 to 5% (oxygen - 0.1 to 25%)
Resolution:	0.01% (oxygen - 0.1%)
Alarm set points:	0.5 and 1.5% (optional alarm set points available) (oxygen - 18 and 19.5%)
Response time:	45 seconds to T90 (oxygen - 15 seconds to T90)
Warm up time:	40 seconds (oxygen - 10 seconds)

CO2 Expected life:	> 15 years	Warranty: 15 years
O2 Expected life:	2 years	Warranty: 1 year

Analyser specification:

Analyser type:	Fixed
Power:	230V AC, 110V AC, 9 to 24V DC (24hour battery backup option available)
Display:	Optional 4 digit Liquid Crystal Display
Operating temp:	-5 to +40°C
Power consumption:	<5 VA
Output options:	4 to 20mA, 2 x relays, 0 to 1V
Dimensions:	175 x 110 x 75mm (analyser) 72 x 170 x 45mm (repeater)
IP Rating:	IP65 (apart from quick connect repeater which is IP43)
Warranty:	2 years electrical

Analyser approvals:

CE, EN50270:1999, EN61000-6-3:2001+A11:2004, BS EN 61010-1:2001, IEC 61010-1(2ed), DIN 6653-2:2004 (TRSK313) and AS61010.1-2003 (Australia & New Zealand).

