

### Carbon Dioxide detector with optional oxygen sensor



### 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)

**CO<sub>2</sub> Expected life:**

> 15 years warranty: 15 years

**O<sub>2</sub> Expected life:**

2 years warranty: 1 year

### Analyser specifications:

**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)

**Sounder:**

Minimum 75dbA

**Internal Strobe:**

Intensity >100cd

**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), CSA, Master Contract 239512, Certificate  
1909026.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



**UK Office**

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.