

# Eikon

## Single Gas Recyclable Monitor

Toxic and oxygen gases



## Eikon

With two years of maintenance free continuous monitoring in a rugged and robust over mould case, Eikon is fit for purpose in harsh environments. The simplest recyclable on the market with outstanding audible and visual alarms, it provides effective warning of hazardous conditions without the need for training or user interpretation.

### Reliable

- 2 years guaranteed maintenance-free life
- End of life indication
- Confidence 'Tap Tap' test assures correct operation

### Alarms

- Highly audible 94dB alarm
- Bright, multi-angled LEDs for maximum visibility
- Distinctively different alarm tone and self check tone

### Rugged

- Easy and unobtrusive to wear
- Patented pocket clip makes sure the unit stays put
- Dust and water tight to IP65

### Simple

- No parts or servicing needed
- No accidental switch off, unit is always on
- No training required

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Eikon is a range of tough, reliable single gas recyclable monitors designed to withstand the harshest environments with 2 years continuous maintenance-free use.

## Typical ranges and alarms

Gas	Range	Standard Alarm (UK)
H <sub>2</sub> S	0-50ppm	5ppm
CO	0-500ppm	30ppm
O <sub>2</sub>	0-25% VOL	19% VOL
NH <sub>3</sub>	0-50ppm	25ppm
Cl <sub>2</sub>	0-5ppm	0.5ppm

Eikon is also available in a dual CO/H<sub>2</sub>S version

## Eikon Accessory

This "one touch" bump test solution offers the ability to check Eikon's status, change alarm level settings, bump and calibrate. Ideal for point of issue use, Eikon accessory is simple and quick to use. Status report commands, like calibration and zeroing, are transmitted with swipe cards for ease of use without a PC. These reports can be printed so the identity of Eikon can be detailed and allows a traceable audit trail.



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Specification:	Eikon
<b>Weight</b>	125g (4.4oz)
<b>Dimensions (H x W x D)</b>	69 x 63 x 38mm 2.7 x 2.5 x 1.5 inches
<b>Audible Alarms</b>	94dB @ 30cm
<b>Visible Alarms</b>	4 multi-angled red LED
<b>Typical Response Time</b>	5 seconds
<b>Operating Life</b>	Continuously for 2 years. Pull strip to activate.
<b>Self Test/ Confidence Indicator</b>	Green LED flashes every 15 seconds. A double tap ("Tap/Tap") on a hard surface initiates a self test. An LED sequence and multi-tone bleep is performed upon successful completion. If red LED flashes rapidly the instrument is faulty. In the last week of life, a slow red LED flashes as well as the green confidence LED.
<b>End of Life</b>	End of life is indicated by 'n' red LED flashes to indicate 'n' number of weeks of life left
<b>Temperature Range</b>	-20°C to +50°C (-4°F to +122°F)
<b>Ingress Protection</b>	IP65
<b>Humidity</b>	5-95% RH non-condensing
<b>Approval Codes Europe</b>	ATEX II 1G Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ +50°C) BASEEFA09ATEX0247 IECEx BAS 09.0114
<b>International N. America</b>	Class 1, Div 1 Groups A,B, C, D
<b>Safety Standards Europe &amp; International N. America</b>	EN50014, EN50022, prEn50271 UL 913 & CSA 22.2
<b>EMC Compliance</b>	EN50270
<b>Accessories</b>	Eikon accessory bump test console, commander, swipe cards for commander, mini-printer, printer paper roll, module storage units

## Product Ordering Information

Part Number	Description
C01780	Eikon H <sub>2</sub> S, 0-50ppm hydrogen sulphide ATEX approved
C01781	Eikon CO, 0-500ppm carbon monoxide ATEX approved
C01782	Eikon O <sub>2</sub> , 0-25% oxygen ATEX approved
C01809	Eikon CO/H <sub>2</sub> S carbon monoxide/hydrogen sulphide ATEX approved
C01904	Eikon NH <sub>3</sub> , 0-50ppm ammonia ATEX approved
C01900	Eikon Cl <sub>2</sub> , 0-5ppm chlorine ATEX approved
C01870	Eikon H <sub>2</sub> S, 0-50ppm hydrogen sulphide CSA approved
C01871	Eikon CO, 0-500ppm carbon monoxide CSA approved
C01872	Eikon O <sub>2</sub> , 0-25% oxygen CSA approved
C01812	Eikon H <sub>2</sub> S, 0-50ppm hydrogen sulphide UL approved
C01813	Eikon CO, 0-500ppm carbon monoxide UL approved
C01814	Eikon O <sub>2</sub> , 0-25% oxygen UL approved
C01905	Eikon NH <sub>3</sub> , 0-50ppm ammonia UL approved
C01901	Eikon Cl <sub>2</sub> , 0-5ppm chlorine UL approved

Crowcon reserves the right to change the design or specification of the product without notice.



Area reserved for distributor stamp



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Gas Detection You Can Trust