



# **Eikon™** single gas recyclable monitor

## **Loud & Clear Alarms**

- ▶ Four multi-angled LEDs give maximum visibility
- ▶ High intensity piercing audible alarm
- ▶ Alarm tone and check tone are distinctive and different

## **No Hidden Costs**

- ▶ Two year operation guaranteed
- ▶ No parts or servicing required

## **Easy & Safe to Use**

- ▶ Cannot be turned off accidentally
- ▶ End of life indication
- ▶ Confidence 'Tap Tap test' ensures continual safety

## **Lightweight & Rugged**

- ▶ Easy and unobtrusive to wear
- ▶ Patented cam grip pocket clip makes sure the unit stays put
- ▶ Resistant to water, dust and chemical corrosion

# Eikon™ Accessories

For those that need it, we provide the solution for the safety paper trail

## PRODUCT ORDERING INFORMATION

PART NO.	PRODUCT
C01780	Eikon™ H <sub>2</sub> S – 0-50ppm hydrogen sulphide
C01781	Eikon™ CO – 0-500ppm carbon monoxide
C01782	Eikon™ O <sub>2</sub> – 0-25%v/v oxygen
C01783	Eikon™ Accessory - H <sub>2</sub> S
C01784	Eikon™ Commander
C01785	Eikon™ Accessory - CO
C01786	Eikon™ Accessory - O <sub>2</sub>
C01787	Eikon™ Mini-printer

## EIKON SPECIFICATION

<b>Weight</b>	125g		
<b>Dimensions</b>	69 h x 63 w x 38 d mm		
<b>Measuring ranges and alarm settings</b>		<b>Range</b>	<b>Alarm</b>
	Hydrogen sulphide	0-50ppm	10ppm
	Carbon monoxide	0-500ppm	30ppm
	Oxygen	0-25%v/v	19.5%v/v
<b>Typical alarm response time</b>	5 seconds		
<b>Unit life</b>	2 years, based on 2minutes of alarm per day over the full temperature range. Unit may be returned to Crowcon for recycling		
<b>Audible alarm</b>	94dBA at 30cm (85dBA at 1m)		
<b>Visible alarm</b>	4 multi-angled red LEDs		
<b>Display</b>	None		
<b>On indication</b>	Green LED flashes every fifteen seconds		
<b>Self test</b>	A double tap on a hard surface initiates a self test routine. An LED sequence and multi tone beep is performed upon successful completion.		
<b>End of life alarm on self test</b>	Triple flash of the number of red LEDs that correspond to the number of weeks left.		
<b>Temperature range</b>	-20°C to +50°C (-4°F to 122°F)		
<b>Humidity</b>	5-95% RH non condensing		
<b>Approval codes</b>	Europe	EEx ia IIC T4	
	USA & Canada	Class 1 Division 1 groups a,b,c,d	
	Europe	EN50014, EN50020, prEN50271	
	North America	UL 913 & CSA 22.2	
<b>Standards</b>			
<b>Ingress protection</b>	IP65		
<b>EMC compliance</b>	EN50270		
<b>Accessories</b>	Accessory bump test apparatus, to provide gas test. Scanner to transmit commands via a swipe card. Thermal printer to provide traceability of operation.		
<b>Instructions</b>	Pull rip strip to activate. Unit operates constantly for two years.		

- ▶ **Eikon™ Accessory** - the bump test console provides simple, “one-touch” testing in the presence of gas. 2000 pump tests are achieved from one cylinder of gas.
- ▶ **Eikon Commander** - calibration, zeroing and status report commands are transmitted with swipe cards, for ease of use without a PC.
- ▶ **Eikon™ Mini-Printer** - can be interfaced directly to the bump test facility, which automatically generates a status report.
- ▶ **Eikon™ Modular Storage Units** - which clip together for simple storage and organisation of large numbers of units.



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**CROWCON**  
Gas Detection You Can Trust