Single gas disposable personal monitor

Eikon

Eikon™ - Simplicity in gas detection
No training required
Ideal for contractors
Excellent for shutdowns

Simple & Safe to Use

- Zero training required
- Clear end of life indication
- Simple ‘tap tap’ test for assurance of operation

No Hidden Costs

- Unit will operate for 2 years
- No parts or servicing will be required during this time
- Dust filters are easily replaceable on site

Simple & Loud Alarms

- Quad angled LEDs for great visability
- Clear and loud 94dBA audible alarm
- Alarm and check tones are distinctive

Lightweight & Rugged

- Easy and unobtrusive to wear
- Water and dust protected to IP65 and high chemical resistance
- Cam grip pocket clip makes sure the unit stays put

CROWCON
Gas Detection You Can Trust

Single gas recyclable monitor

Eikon and Accessories

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

Applications

Hydrogen Sulphide	Offshore Oil & Gas
	Petroleum refining and processing
	Gas Terminals
Carbon Monoxide	Steel processing & manufacture
	Shipping (turbines)
Oxygen	Marine
	Laboratories using liquid Nitrogen
	Breweries/Soft Drinks
	HVAC
	Refrigeration

Product Ordering Information

PART NO.	PRODUCT
C01780	Eikon H_2S – 0-50ppm hydrogen sulphide
C01781	Eikon CO – 0-500ppm carbon monoxide
C01782	Eikon O_2 – 0-25%v/v oxygen
C01783	Eikon accessory - H2S
C01784	Eikon Commander
C01785	Eikon accessory - CO
C01786	Eikon accessory - O2
C01787	Eikon Mini-Printer

- Eikon Accessory - the bump test console provides the simple, “one-touch” testing in the presence 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.

Eikon Specification

Weight	125g		
Dimensions	69 h x 63 w x 38 d mm		
Measuring ranges and alarm settings		Range	Alarm
	Hydrogen sulphide	0-50ppm	5ppm
	Carbon monoxide	0-500ppm	30ppm
	Oxygen	0-25%vv	19.5%vv
Typical alarm response time	5 seconds		
Unit life	2 years Unit may be returned to Crowcon for recycling		
Audible alarm	94dBA at 30cm (85dBA at 1m)		
Visible alarm	4 multi-angled red LEDs		
Display	None		
On indication	Green LED flashes every fifteen seconds		
Self test	A double tap on a hard surface initiates a self test routine. An LED sequence and multi tone bleep is performed upon successful completion.		
End of life alarm on self test	Triple flash of the number of red LEDs that correspond to the number of weeks left.		
Temperature range	-20^{O}C to +50^{O}C (-4^{O}F to +122^{O}F)		
Humidity	5-95% RH non-condensing		
Approval codes	Europe	ATEX II 1G 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	
Ingress protection	IP65		
EMC compliance	EN50270		
Accessories	Accessory bump test apparatus, to provide gas test. Scanner to transmit commands via a swipe card. Thermal printer to provide traceability of operation.		
Instructions	Pull rip strip to activate. Unit operates constantly for two years.		

A HALMA COMPANY

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