



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 visibility
- 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

# Eikon and Accessories

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

## Eikon Specification

Weight	125g			
Dimensions	69 h x 63 w x 38 d mm			
Typical ranges and alarms	Gas	Range	Alarm UK	Alarm USA
	Hydrogen sulphide	0-50ppm	5ppm	10ppm
	Carbon monoxide	0-500ppm	30ppm	35ppm
	Oxygen	0-25%	19%	19.5%
	Chlorine	0-5ppm	0.5ppm	0.5ppm
	Ammonia	0-50ppm	25ppm	25ppm
	Dual CO/H <sub>2</sub> S	0-500/0-100ppm	30/5ppm	35/10ppm
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°C to +50°C (-4°F to +122°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 Class 1 Division 1 Groups A,B,C,D		
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.			

## 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 <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 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.

