



Single gas recyclable personal monitor

Eikon

Tough and rugged, Eikon™ is the durable single gas fixed life personal monitor that really lasts the course – a full two years guaranteed in every case. Supplied in six different gas versions, Eikon™ has the loudest audible and brightest visual alarms available, rapidly and effectively warning the user of the presence of dangerous working conditions.

Loud & Clear Alarms

- Four multi-angled LEDs give maximum visibility
- Highly audible alarm, 94dBA at 30cm
- Alarm tone and check tone are distinctive and different

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

Easy & Safe to Use

- Cannot be turned off accidentally
- End of life indication
- Confidence 'Tap Tap test' assures the user of correct operation

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 Accessories

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

Applications

Hydrogen Sulphide	Offshore Oil & Gas Refining and Petrochemical Terminals Marine Waste water	Carbon Monoxide	Steel manufacture and processing Power generation Chemical
Oxygen	Marine Laboratories using liquid nitrogen Breweries/Soft Drinks HVAC Refrigeration	Ammonia	Refrigeration Chemical Water purification
		Chlorine	Water purification Chemical
		Sulphur Dioxide	Water purification Chemical

Eikon Specification

Weight	125g		
Dimensions	69 h x 63 w x 38 d mm		
Measuring ranges and alarm settings Alarm set points can vary according to territory.		Range	Alarm
	Hydrogen sulphide	0-50ppm	5ppm
	Carbon monoxide	0-500ppm	30ppm
	Oxygen	0-25%vv	19.5%vv
	Ammonia	0-50ppm	25ppm
	Chlorine	0-5ppm	0.5ppm
	Sulphar Dioxide	0-10ppm	2ppm
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 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.		

- **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.

