

OXYGEN / CARBON DIOXIDE MONITORS

Sub Aspida Portable Gas Monitor

SEE BELOW

The Analox Sub Aspida is a purpose designed compact portable gas monitor capable of detecting both carbon dioxide and oxygen. The unit offers continuous monitoring of partial pressure oxygen and volumetric carbon dioxide, making it ideal for confined space entry onboard submarines and monitoring of portable or transportable decompression chambers.

Features

- Audio visual and vibration alarms
- Datalogging and full user maintenance through our unique calibration software
- Intelligent software which lets you know what requires maintenance and when - ensuring optimum performance of your unit
- Automatic pressure correction of O₂ and CO₂ readings for more accurate results

Specifications	
Sensor range	CO ₂ 0 to 5% / O ₂ 0 to 1200 mbar, 0 TO 100%
Operating Temperature	23° to 122° F (-5 to 50° C)
Operating time	12 hrs from a fully charged set of batteries or 2 AA batteries Continuous power option from 9 VDC wall charger
Operating pressure	800 to 1200 mbar
Response time	CO ₂ : T90 <60 secs O ₂ : (T90 <30 secs)
Audible alarm	95 db at 30 cm
Dimensions	4.97 in. L X 1.72 in. D X 3.46 in. W (126.35 mm x 43.8 mm x 88 mm)
Weight	Dual: .74 lbs (335 g)

MRC MKII

SEE BELOW

The Analox MRC MKII portable chamber monitor is a highly accurate solid state microprocessor driven analyzer. It is designed to monitor carbon dioxide and oxygen concentrations from 1 and 2 manned recompression chambers where calculating ventilation rates for such small chambers can be challenging.

Features

- Rugged, compact monitor ideal for ship or shore use
- Easy to operate; simply connect to chamber outlet and turn on monitor
- Backlit displays make viewing easier when operating in low light conditions
- External pressure reducer enabling unit to take samples at pressures up to 116 PSI (8 bar)
- Can be operated from external power source, or internal batteries providing a minimum of 7 days continuous operation
- Fully temperature and drift compensated to provide short and long term reliability
- Fitted with programmable audio/visual alarms and a low flow alarm

MRC MKII with Data Download Software Includes

- O₂ Sensor: Part Number 9100-9212-9HSUB
- CO₂ Sensor (not user replaceable return unit for service)
- External Power Cable: Part Number SAEPAS2605
- Data Download Cable: Part Number SAEPAS2602
- (4) D Size Alkaline Batteries
- User Manual and Test Certificate

Analox MRC MKII	
SA1W71SR60N621	Analox MRC MKII complete with data download software
SA1W71MD60N621	Analox MRC MKII complete with data download software and stainless steel mounting bracket
Accessories	
9100-9212-9HSUB	Replacement O ₂ sensor
SAEPAS2605	Power Cable
SAEPAS2602	Data Download Cable



Ordering Information

O₂ Range: 0-100%, CO₂ Range: 0-5%, Chamber Versions

SAACAAA5601B	Complete with 9 VDC US charger
SAACAAA1101B	Complete with 9 VDC Euro charger
SAACAAA5501B	Complete with 9 VDC UK charger

O₂ Range: 0-1200 mbar, CO₂ Range: 0-5%, Submarine Versions

SABCBA5601A	Complete with 9 VDC US charger
SABCBA1101A	Complete with 9 VDC Euro charger
SABCBA5501A	Complete with 9 VDC UK charger

Spare Parts and Accessories

9300-1009K	Wall Mount Clip
2822-0008A	US Charger
PGA-401DK	Dual calibration adaptor
9100-1060RK	Replacement O ₂ sensor kit



Specifications

Power Source	External 9-40 VDC
Batteries	(4) Internal D Size Batteries
Display Panel	2 LCD's, character size 8 mm x 5 mm
Oxygen Sensors	Warranty: 2 years graded at normal temperature and pressure Range: 0-100 % O ₂ Accuracy: < 1% of reading
CO ₂ Sensor	Warranty: 5 years Range: 0-5000 PPM Accuracy: +/-3% of range
Operating Temperature	32° to 104° F (0° to 40° C) compensated
Storage Temperature	23° to 122° F (-5° to 50° C)
Dimensions	7.5 in. H x 9.5 in. W. x 5.5 in. D (190 mm x 241 mm x 140 mm)
Weight	4.85 lbs (2.2 kg)