Analox Sub MKIIP™
Submrine escape analyser

looking after the air you breathe®

The only analyser for submarine escape situations

Individual displays for

- Carbon dioxide
- Oxygen
- Depth
- Temperature
- Elapsed time
- Battery condition

- The Sub MKIIP™ is specifically designed for operation in a DISSUB scenario.
- It provides accurate partial pressure readings of oxygen and carbon dioxide.
- Its minimal controls and long battery life, ensure its easy to use in stressful scenario's, and can be operated by any crew member during a DISSUB event.
- It can store DISSUB atmospheric data for post event analysis.

Description

The Analox SUB MKIIP™ hyperbaric carbon dioxide and oxygen analyser is a highly accurate solid state microprocessor driven portable analyser. It is designed to provide the operator with accurate and reliable information about the atmosphere in which it is used over the pressure range 1 to 10 BAR absolute. Automatic correction of pressure effects on the readings allows the true partial pressures of the oxygen and carbon dioxide to be displayed.

The analyser operates using two measuring principles, electrochemical for oxygen measurement and infra red absorption for carbon dioxide. The gases enter the measuring cells by diffusion via two waterproof and dustproof membranes ensuring the elimination of cell contamination which can cause inaccurate readings.

6 individual liquid crystal displays each with a backlight offer high visibility and clarity, enabling easy tracking of the submarine environment.

Applications

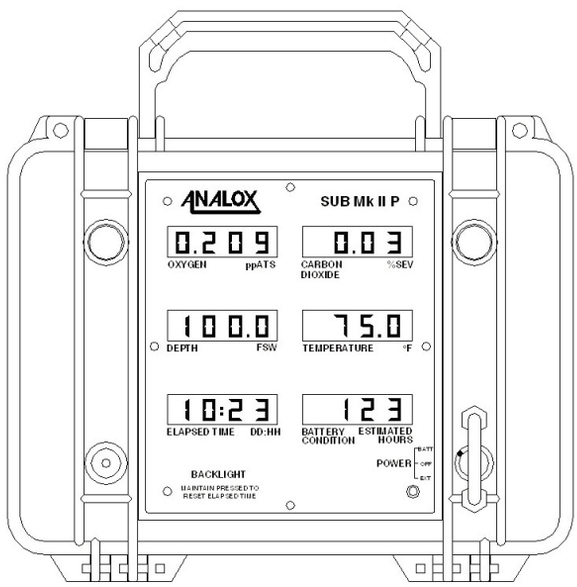
Submarine escape
Hyperbaric therapy chambers
Tourist submarines
Diving decompression chambers

Accessories and options

- Lifetime guarantee programme.
- Data download communication software.

An optional sampling hose and probe can be provided with an aspirator bulb to draw samples over the sensors from inaccessible spaces.

The Analox Sub MKIIP™ could not be easier to operate with only one operator function, the backlight. The unit is fully temperature and drift compensated allowing long periods between calibration making it ideal for both operational and emergency standby use.



Specifications

Operating range:	Carbon dioxide:	0.1 - 10% SEV $ppCO_2$ (Surface Equivalent Value)
	Oxygen:	0-2000mBar ppO_2/0-2.000 ATS ppO_2
	Pressure:	Displayed in FSW or MSW
	Temperature:	0 to +40°C
Power supply:	External:	9-40vDC
	Internal:	4D size Alkaline batteries with 7 day life in continuous operation
Display:	6 LCD's, character size 8mm x 5mm, one for each variable measured	

Temperature:	Compensated:	0 to 40°C (32-104°F)
	Storage:	-5 to +50°C (23-122°F)
Humidity:		0-100% RH non-condensing
Dimensions:	Width:	235mm
	Height:	190mm
	Depth:	125mm
	Inches:	(9.2 x 7.5 x 5)
Weight:	2Kg including batteries	

Analox has a policy of continuous improvement and we reserve the right to upgrade or change specifications without prior notice. Full technical specifications are available upon request.

ANALOX
looking after the air you breathe®

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