

ANALOX

looking after the air **YOU** breathe®

Analox Sub MKIIP™ Hyperbaric Atmosphere Monitor

**The 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.

It is designed to be operated by any crew member in a stressful DISSUB event

It can store DISSUB atmospheric data for post event analysis

Description

ANALOX SUB MKIIP™ PORTABLE HYPERBARIC CARBON DIOXIDE AND OXYGEN ANALYSER

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

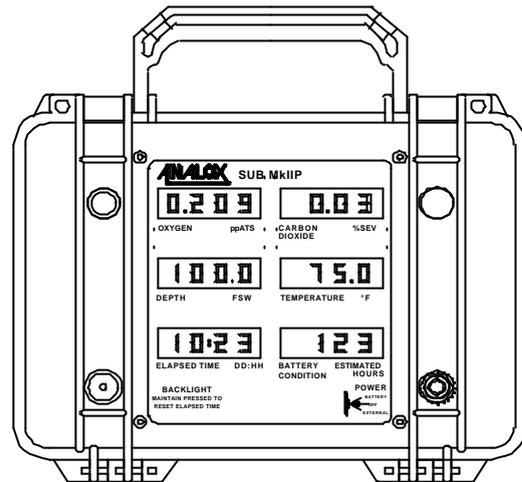
SUBMARINE ESCAPE
HYPERBARIC THERAPY CHAMBERS
TOURIST SUBMARINES
DIVING DECOMPRESSION CHAMBERS

Accessories and Options

Lifetime guarantee programme
Data download communication software

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

The Analox Sub MKII P 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:	8-40vDC
	:	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	:	235mm W x 190mm H x 125mm D (9.2 x 7.5 x 5 inches)	
Weight	:	2Kg including batteries	

Wainstones Court, Stokesley Industrial Park, Stokesley, Cleveland TS9 5JY England
Telephone ++44 (0)1642 711400 Fax ++44 (0)1642 713900
Internet: www.analox.net E-Mail: info@analox.net