

# NORTHERN DIVER

## COMMERCIAL SUITS & EQUIPMENT

### Analysers.

## Inline Gas Analyser

Suitable for pre-use checks on compressed air cylinders and continuous monitoring for surface-supplied breathing gas.

The unit can be adapted to monitor additional gases, such as helium, carbon monoxide, carbon dioxide and propane. There is a built-in memory stick download port, which can be used to monitor equipment performance.

#### Operating temperature range:

- 20 to 50°C

#### Oxygen concentration range:

0.1% to 100%, accuracy +/-1%

#### Operating time using internal battery:

> 8 hours at 20°C, > 4 hours at - 20°C

#### Option for user-adjustable settings, including:

- Oxygen concentration alarm levels
- Calibration using any oxygen concentration
- LCD display brightness
- Automatic compensation for temperature and humidity
- Calibrated using ambient air
- Hi-lo oxygen concentration alarm, factory-set to lo = 19.9% and hi = 21.9%
- Audio and visual alarm
- Alarm mute button, resets after 30 seconds
- IP 65 rated enclosure
- Powered by a rechargeable battery 100V~240V AC
- Power supply / battery charger with 3-pin & 2-pin adaptors
- Battery protection circuit

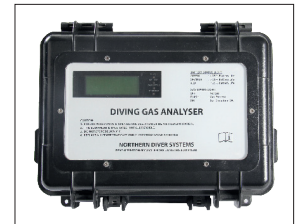
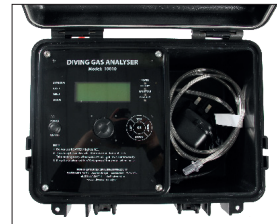
#### Includes:

- Power supply/battery charger with adapters
- Hand priming pump for calibration
- Factory-set gas flow regulator for SSD systems
- Connection tube (flow regulator to analyser)
- Humidity sensor and gas conditioning circuit (unit is self calibrating)
- No requirement for a separate look up table



The analyser has the capability within the PCB to monitor helium, carbon monoxide and carbon dioxide.

There is also the provision to download the stored data by means of a USB.



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