

# HYPER-GAS MkII by ANALOX

Discover the **Hype**



The **Hyper-Gas MkII** is the **only hydrocarbon monitor in the world** which can accurately monitor the hydrocarbon levels present in a deep sea diving bell. **Protecting** the lives of those who do one of the most **dangerous jobs** on the planet - **Saturation Divers**.

## What?

The **Hyper-Gas MkII** is a unique, hyperbaric hydrocarbon monitor comprising of a bell monitor which contains a sensor manifold and a topside repeater which mimics the status of the bell monitor. The unit is set to alarm at **10% of the amount of hydrocarbons required to cause anaesthesia**.

## Why?

**The unit was designed in 2006 in response** to an incident in the North Sea where a diving bell was contaminated with hydrocarbons brought into the bell from the seabed by a diver. Small quantities of hydrocarbons can off gas in the bell atmosphere and **act as an aesthetic** which could prove potentially fatal for the divers if they are not made aware so that they can take evasive action.

The Hyper-Gas MkII is now mandated by **The Association of Oil & Gas Producers (OGP)** in their **“411 Report”** which means that any diving contractor working for an OGP member such as **Shell, BP, Total or Chevron** must have a **Hyper-Gas MkII installed in their saturation diving system**.

The unit is now used in the majority of operational diving bells and recognised as the **accepted best industry practice**.

## Where?

The Hyper-Gas MkII bell monitor is located **inside the diving bell** so that the presence of hydrocarbons can be **detected rapidly** and the **divers alerted quickly**.

A topside repeater which mimics the status of the bell monitor for the dive control team is located in the **dive control area**.

**Analox recommend** that the operator keeps a **minimum** of one spare manifold on the vessel for every operational bell monitor.

Your Challenge, **Our Passion**

Speak to **our team today** UK/Global: +44 (0)1642 711 400  
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# HYPER-GAS MKII

## Sensor Spec

Operating Range	Hydrocarbon, e.g. 0 to 30% Propane
Pressure	1 to 60 BAR A
Power Supply	External: 8 to 30vDC
Temperature	Compensated: 5 to 35°C/41 to 95°F Storage: -20 to +55°C/-4 to 131°F
Humidity	0 to 95% RH non-condensing
Dimensions (w x h x d)	Bell Monitor: 200mm x 215mm x 100mm 7.9" x 8.4" x 3.9" Topside Repeater: 190mm x 160mm x 100mm 7.5" x 6.2" x 3.9"
Weight	Bell Monitor: <2.5kg / 5.5lbs Topside Repeater: <2.0kg / 4.4lbs

## Features

- Compact Bell monitor (which houses the manifold)
- Topside repeater
- Large, bright full color display
- Data-logging
- Calibration and sensor replacement reminders
- Audible and visual alarms
- Mute function
- Internal filtration and dryer

## Applications

- Saturation Diving
- Oil & Gas
- Offshore
- Geological research
- Oil well intervention, installation and decommissioning
- Marine science & surveys

## Gases Detected

Hydrocarbons



## FACT

Divers working on deep-sea infrastructure such as oil pipelines live in a pressurized chamber for a month, taken between the chamber and their worksite by a pressurized diving bell. That way, they only need to be decompressed once, at the end of each 28-day job.

Get in contact today  
and discover the Hype!

You can call us

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