

ANALOX

Sensor Technology

SDACO

Carbon Monoxide

Protecting the professional diver

Sensor range:

0 to 20ppm

Sensor accuracy:

± 1 ppm CO $\pm 5.0\%$ of reading

What?

The SDA is a range of panel/rack mountable atmosphere monitors originally designed with the commercial diving in mind. The SDA CO monitor provides a full colour display of the carbon monoxide reading taken from a fast response, accurate, long life digital electrochemical sensor.

The alarm set points and calibration can be achieved using the front panel user interface and the SDA CO provides audio/visual alarms, optional data-logging and 4-20mA/relay outputs. The monitor interfaces with a state of the art digital electrochemical CO sensor.

The SDA CO replaces the now obsolete Analox 3000 and is fully retrofittable as a direct replacement. For a highly accurate NORSOK & EH75/2 carbon monoxide monitoring Analox offer a laser based system called "TCO".

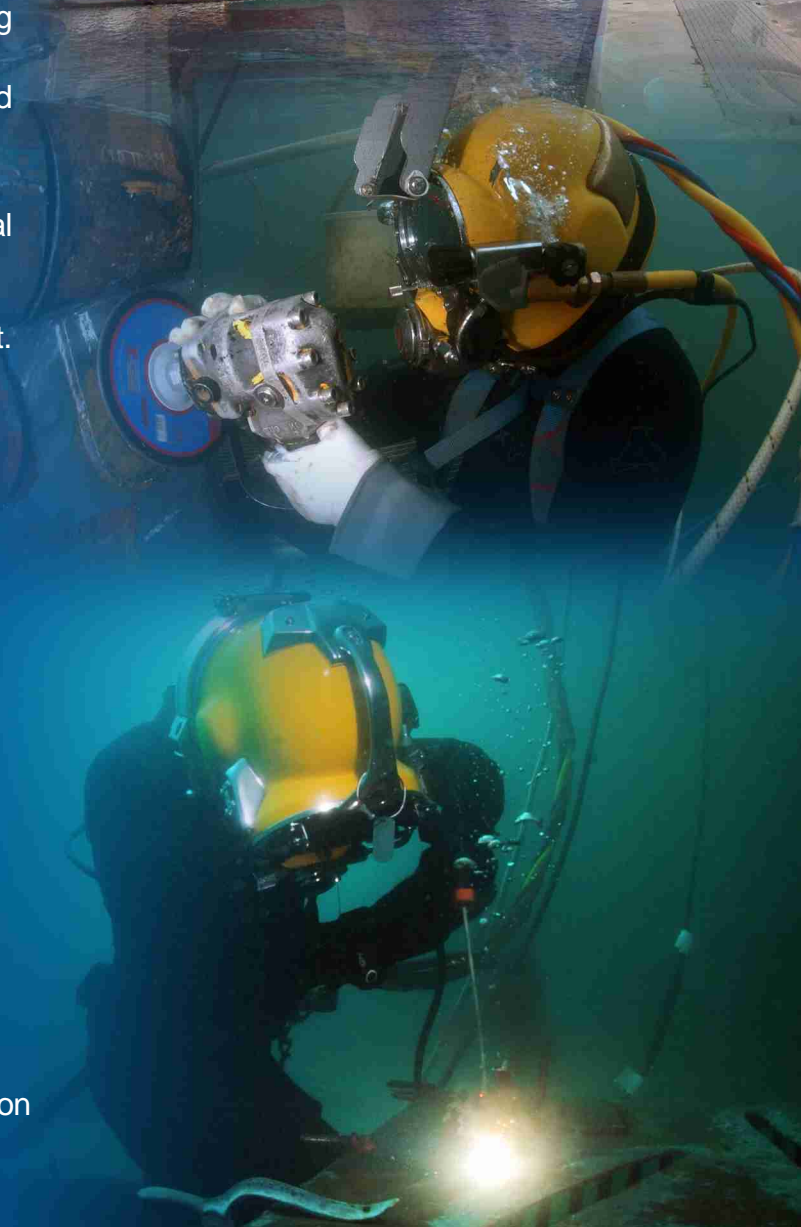
Why?

Diving system classification societies and industry bodies such as IMCA require/suggest that carbon monoxide levels are maintained at very low levels in a dive system as carbon monoxide is highly toxic.

Carbon monoxide can enter the diving system through an air compressor or a gas transfer compressor. It could also be present in the delivered gas and is metabolised by the divers so is produced in the chamber during operations.

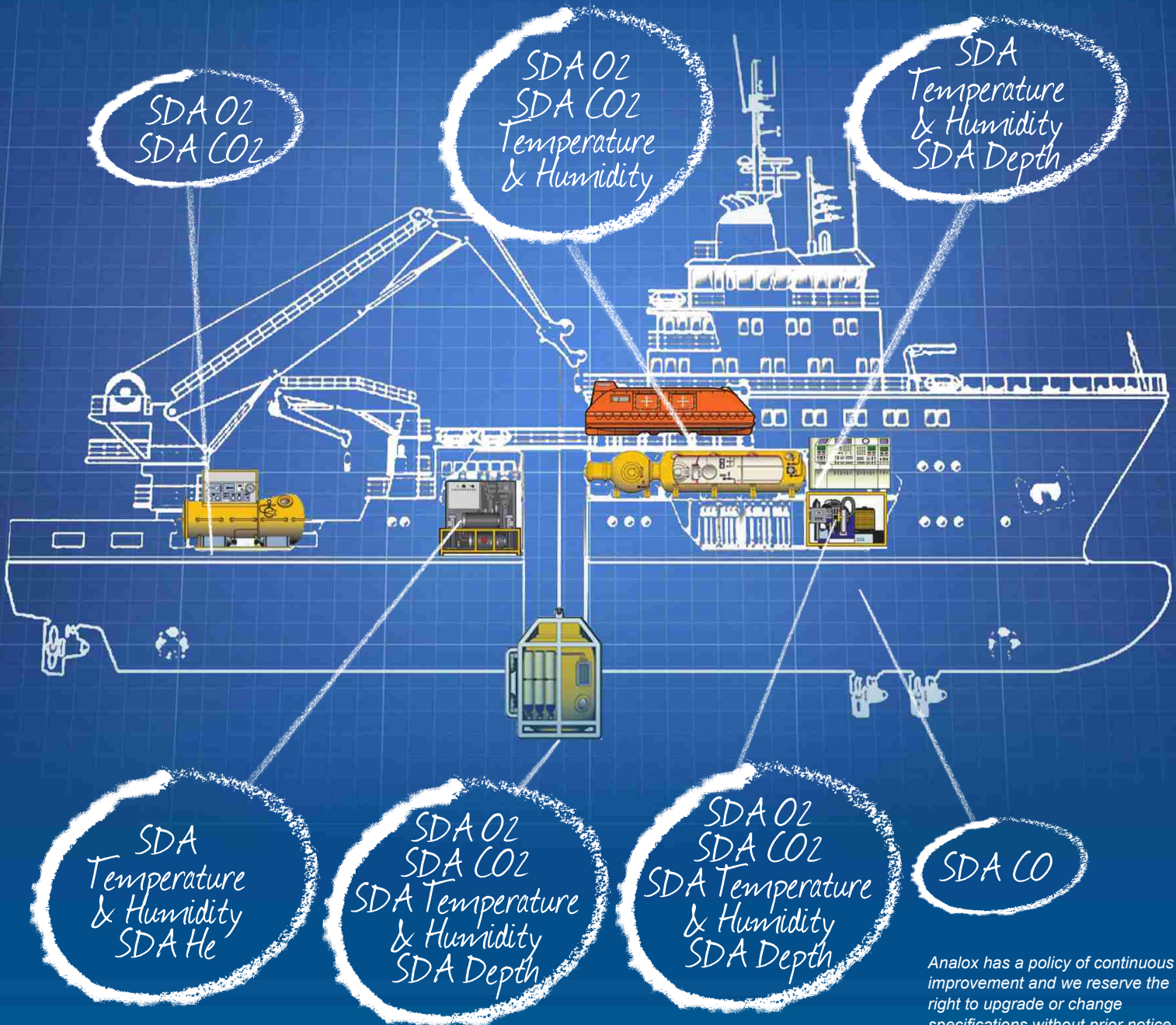
Where?

The SDA CO can be located in sat/dive control or at the compressor. Both the SDA CO and the option flow panel can be provided as either rack or panel mount.



Key features

- Available in both air and saturation diving versions to account for "the helium effect" on the sensor to provide a more reliable reading
- Fast response, long life electrochemical sensor
- Provides calibration and sensor replacement flags
- Large, bright full colour display
- Smaller depth footprint behind the panel
- Datalogging option
- Ethernet data output option (Protocol available on request)



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.