SDA TEMPERATURE & HUMIDITY

by ANALOX

Protecting the **professional diver**



The **SDA is a range of panel/rack mountable atmosphere monitors** originally designed with the commercial diving in mind.

The SDA T&H monitor provides a full colour display of both the temperature and humidity.

The alarm set points can be adjusted using the front panel user interface and the SDA T&H provides audio/visual alarms, optional data-logging and 4-20mA/relay outputs (for 1 reading). The monitor interfaces with a state of the art dual temperature and humidity probe.

Maintaining a comfortable temperature in a diving chamber or dive system is vital for the comfort and well-being of the divers and is required by classification bodies and industry guidelines. Relatively small changes in temperature can prove to be dangerous due to the thermal conductivity of helium.

Humidity levels also need to be maintained for the comfort and well being of the divers. If the humidity level is too high this can encourage microbial growth which can cause health issues in the chamber.

The SDA T&H monitor can be located in sat/dive control or at the compressor. The probe is located either in the chamber or in the gas pipework:-

Chamber Version

The probe is simply mounted inside the chamber is ideal for monitoring levels in a hyperbaric chamber, lifeboat or diving bell to help ensure a comfortable and safe living and working environment is maintained in line with industry guidelines.

Inline Version

The probe is mounted inside the gas pipework, ideal for monitoring the breathing gas supply temperature and humidity in line with classification requirements such as the ABS rules for building and classing underwater vehicles, systems and hyperbaric facilities (Gas Reclaim Systems section).

Key Features

- Available in “Chamber” and “Inline” versions
- Fast response, long life dual probe
- Dual monitor saves space in the panel
- Large, bright full colour display
- Temperature reading available in either °C or °F
- Small depth footprint behind the panel
- Datalogging option
- Ethernet data output

Applications

- Commercial Diving

Your Challenge, **Our Passion**

Speak to our team **today**

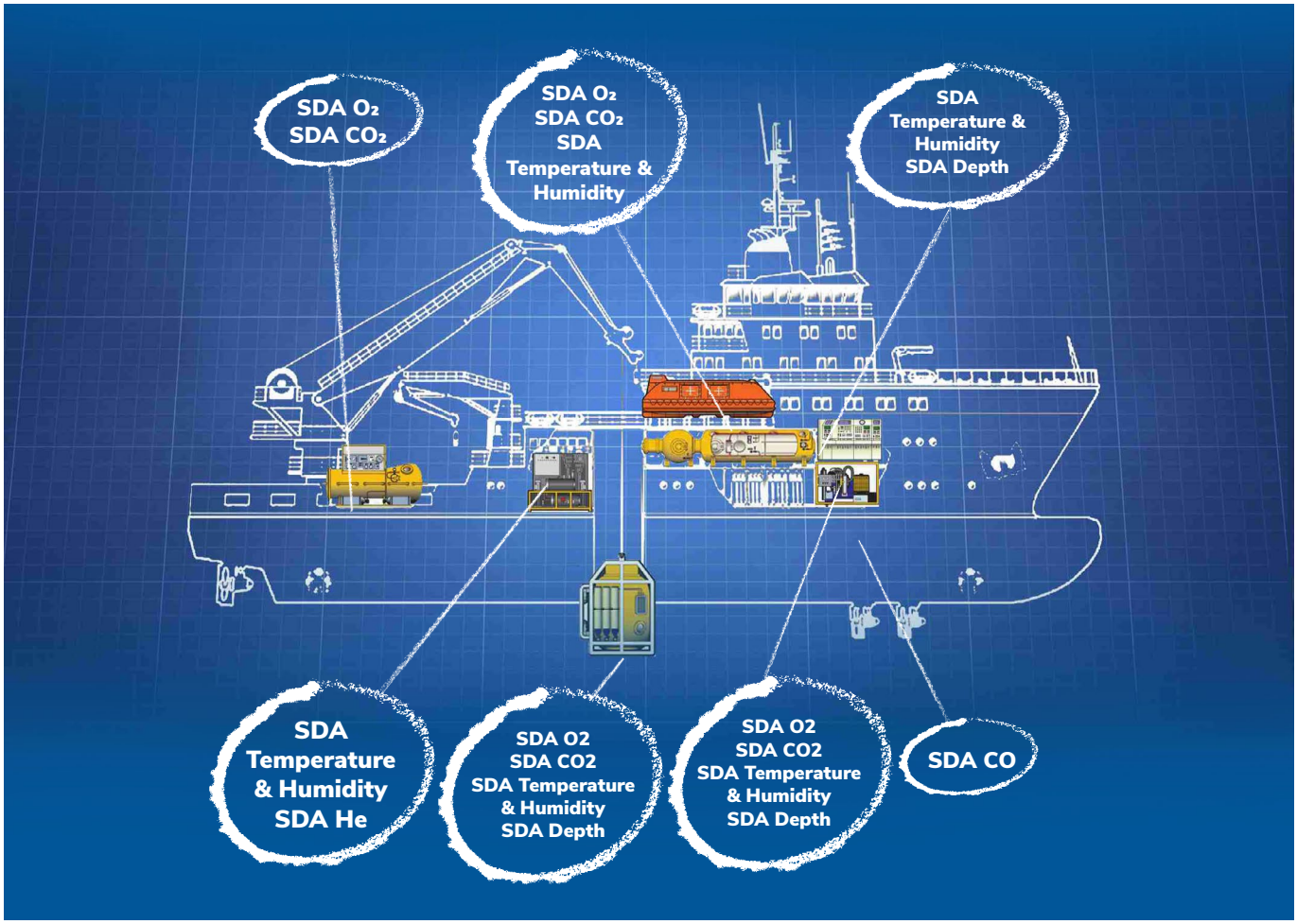
UK/Global: +44 (0)1642 711 400
US Office: (714) 891 4478
US Toll Free: (877) 723 3247

SDA TEMPERATURE & HUMIDITY

Tech Spec

Sensor range	0 to 100°C / -32 to 212°F (temperature) 0 to 100% RH (humidity)
Sensor accuracy	±3°C (temperature) ±10% RH (humidity)

SDA Range



You can call us

UK/Global: +44 (0)1642 711 400
US Office: (714) 891 4478
US Toll Free: (877) 723 3247

You can email us info@analoxgroup.com

Visit our website analoxgroup.com

Follow us on

Analox Group

Analox Group

@AnaloxGroup

ANALOX

Your Challenge, **Our Passion**

XK0-869-00