SDA

SDA datasheet

SDA panel or rack mount chamber analysers

- Comprehensive range of diving analysers monitoring for oxygen, carbon monoxide, carbon dioxide, temperature, depth, humidity and oxygen control.
- Intelligent sensors flag when calibration and sensor change out are due.
- Designed with the latest digital technology.
- Easily configurable with interchangeable sensors and software.

ANALOX

SDA datasheet

SDA O_2 (Oxygen)

The new SDA series will offer users the latest digital technology in commercial diving gas detection. Designed to be more easily configured to meet you needs the SDA features interchangeable sensors and software.

The SDA O_2 is available in either panel or rack mount format .

Specification:

Sensor range:
0 to 100%, 0 to 3000mbar

Sensor accuracy:
0 to 100%, ±350ppm O_2 ±1% of reading
0 to 3000mbar, ±0.35mbar O_2 ±1% of reading

Display resolution:
0.01% O_2

IP rating:
analyser IP22, sensor IP65

SDA CO (Carbon monoxide)

The SDA CO is recommended for use with diving systems, for monitoring the CO content in the gas supplied to the diver.

The SDA CO is available in either panel or rack mount format .

Specification:

Sensor range:
0 to 20ppm

Sensor accuracy:
±1ppm CO ±5.0% of reading

Display resolution:
0.1ppm CO

IP rating:
analyser IP22, sensor IP65

SDA datasheet

The SDA Temperature & humidity

The SDA Temperature & humidity is designed to monitor air temperature within chambers or diving bells. It is also available with a water temperature transmitter for monitoring hot water to dive suits or for monitoring sea water temperature outside the diving bell.

The SDA Temperature & humidity is available in either panel or rack mount format .

Specification:

Sensor range:
0 to 100°C / -32 to 212°F (temperature)
0 to 100% RH (humidity)

Sensor accuracy:
±3°C (temperature)
±10% RH (humidity)

Display resolution:
0.1°C (temperature)
1% RH (humidity)

IP rating:
analyser IP22, sensor IP65

SDA CO_2 (Carbon dioxide)

The SDA CO_2 uses the new unique temperature compensated 5S3 infra red sensor. The 5S3 offers additional stability and precision readings of carbon dioxide values. Performance evaluation and product case studies can be viewed: www.analox.net/proddetail.php?productid=70&ref=73

It is available in a number of ranges to ensure you receive optimal operating performance.

The SDA CO_2 is available in either panel or rack mount format.

Specification:

Sensor range:
0 to 5000ppm, 0 to 2%

Sensor accuracy:
0 to 5000ppm, ±25ppm CO_2 ±1% of reading
0 to 2%, ±2% of reading ±0.02% CO_2

Display resolution:
1ppm

IP rating:
analyser IP22

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SDA Depth

The SDA Depth is for internal depth only and is available with a gauge pressure sensor in a choice of readouts (either feet of seawater or meters of seawater).

Specification:

Sensor range:
0.0 to 400MSW,
0.0 to 1250 FSW

Sensor accuracy:
± 0.02% full scale

Display resolution:
0.1 MSW
0.1 FSW

IP rating:
analyser IP22

SDA N_2 (Nitrogen)

The SDA N_2 incorporates a thermal conductivity helium sensor plus an electrochemical oxygen sensor to accurately calculate nitrogen concentrations in the 0 to 100% range. It offers a continuous digital display of nitrogen concentrations when used on helium reclaim systems.

The SDA N_2 is available in either panel or rack mount format .

Specification:

Sensor range:
0 to 100%

Sensor accuracy:
± 0.5% FS@STP

Display resolution:
0.1% N2

SDA He (Helium)

The SDA He provides a continuous digital display of helium concentrations when used on helium reclaim systems. The analyser incorporates a thermal conductivity helium sensor plus an electrochemical oxygen sensor to accurately calculate helium concentrations in the 0 to 100% range.

The SDA He is available in either panel or rack mount format .

Specification:

Sensor range:
0 to 100%

Sensor accuracy:
± 0.5% FS@STP

Display resolution:
0.1% He

IP rating:
analyser IP22, sensor IP65

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.

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