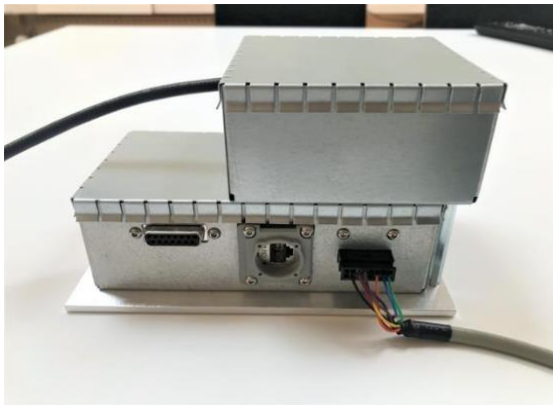




**Benefits**

- Reliable measurements
- Small form factor for easier integration
- Long life-time



**GasSpect O2 Flex sensor**

Headspace gas analyzer for non-intrusive measurements of O<sub>2</sub> in parental packaging.

*Sensor for integration*

OEM-sensor for integration in in-line machine or lab-units designated for pharmaceutical packaging and quality control. The sensor is designed with a flexible head with a small form factor for easy integration. The sensor requires minimum maintenance and has a long lifetime.

*Technology*

Gasporox sensors are based on Tunable Diode Laser Absorption Spectroscopy (TDLAS). Gasporox sensors are available for both Head Space Analysis (HSA) and Leak Detection (LD) and intended for integration into in-line inspection- or production lines for 100% testing and quality control.



**General Sensor Specification**

Gas:	O <sub>2</sub>
Measurement range:	0 - 100 %
Measurement time:	Down to 5 ms
Resolution:	Depending on package type
Typical precision:	±0.1%
Startup time:	> 1 min
Temperature:	Operating temperature 0-50 °C

**Dimensions (HxWxD)**

Laser Head:	97 x 68 x 68 mm
Electronic boxes:	165 x 120 x 95 mm
<b>Weight:</b>	Approximately 1.5 kg
<b>Electrical:</b>	Primary 24 V

**Communication interface**

Modbus TCP/IP, RS485, Trigger input

**Accessory:** Flange for mechanical integration

**Housing:** Laser head in aluminum

**Calibration:** Factory calibrated

**Laser**

Different output models:	<b>O<sub>2</sub> Mini</b>	<b>O<sub>2</sub> Medi</b>	<b>O<sub>2</sub> Maxi</b>
Wavelength:	760 nm	760 nm	760 nm
Transmission:	> 5 %	0.5-5%	<0.5%
Output power:	< 0.5 mW	5 mW	15 mW
Laser class:	Class 1	Class 3B	Class 3B