

# GAS ANALYSER OXYBEAM

for O<sub>2</sub> or CO<sub>2</sub>



OXYBEAM uses laser light for detecting O<sub>2</sub> or CO<sub>2</sub> concentrations in transparent packages without impairing it.

Non-destructive sample-testing to guarantee quality and productivity of production processes.

### Benefits

- reliable O<sub>2</sub> or CO<sub>2</sub> sensing
- non-intrusive MAP testing
- also applicable for time studies on single packages
- simple to operate via touchscreen
- data transfer via USB port
- integration into networks by Ethernet connection
- low maintenance and robust
- easy calibration
- completely eye safe



OXYBEAM O<sub>2</sub>  
OXYBEAM CO<sub>2</sub>

• • <b>Gas</b>	O <sub>2</sub> CO <sub>2</sub>
• • <b>Measuring system</b>	laser light absorption
• • <b>Infrared laser</b>	class 1 according to IEC 60825-1
• • <b>Measuring range</b>	0.1-100% 0 -100%
• • <b>Measurement time</b>	approx. 4 sec.
• • <b>Resolution</b>	0.1% absolute
• • <b>Accuracy</b>	± 0.1% absolute depend on sample geometry and other factors
• • <b>Startup time</b>	<1 min
• • <b>Headspace thickness</b>	16 - 80 mm 6 - 60 mm
• • <b>Temperature (gas/environment)</b>	+5 °C to +40 °C (+41 °F to +104 °F)
• • <b>Calibration</b>	every 12 months
• • <b>Interfaces</b>	USB, Ethernet
• • <b>Housing</b>	steel sheet, powder coated
• • <b>Weight</b>	approx. 7.8 kg
• • <b>Dimensions (HxWxD)</b>	210 x 380 x 265 mm (8.27 x 14.96 x 10.43 inches) (without connections)
• • <b>Voltage</b>	100-240 V AC, 50 W, 50 / 60 Hz
• • <b>Approvals</b>	Company certified according to ISO 9001 and ISO 22000 CE-marked according to: - EMC 2014/30/EU - Low Voltage Directive 2014/35/EU