



OxySense 325i



Oxygen Analyzer System for Smaller Labs

The OxySense 325i is the ideal solution for smaller labs who require non-invasive oxygen measurement systems and invasive oxygen measurements in oil, water and air.

This base oxygen analyzer is used in conjunction with a computer interface and will perform most of the functions of the 5250i including non-invasive headspace analysis for packages, bottles and blister packs using the O₂xyDot® Sensor; package material and design evaluation; closure design and evaluation; MAP production start up monitoring; research and development; QC and assurance, as well as product oxidation studies.

The OxySense 325i is particularly ideal for smaller laboratories and companies considering bringing their oxygen testing requirements in-house for the first time and companies looking for a low-cost solution. With the new EasAlign Pen with integrated capture switch for a simple, one click, oxygen measurement. Multiple measurements can be provided over time on the same package offering accurate analysis through real time, real world measurements. Due to the measurement process used, the risk of sample contamination or leaks is eliminated.

Applications

- Headspace analysis
- Dissolved O₂ analysis
- Shelf life studies
- O₂ scavenger evaluation and characterization
- Closure testing
- Leak detection
- Line start up evaluations
- Anaerobic environment monitoring





BENEFITS

- Use for non-invasive and invasive measurements in oil, water and air
- Conduct multiple shelf life measurements over time on the same package
- Low cost sensors
- Eliminates risk of sample contamination or leaks
- Improved accuracy through real time, real world measurements
- No pumps or electro chemical cells to maintain and replace
- No annual maintenance or factory calibration requirements

O₂xyDot® Sensors

The O₂xyDot is placed in the package/container prior to filling and sealing. At any time afterwards, the oxygen concentration can be determined through the power of non-invasive measurements.



Shelf Life Studies

The O₂xyDot is non-consuming (headspace gas is not altered by readings). Headspace gases can read day after day, even month after month, recording real world gas changes. Ideal for accurate shelf life studies.

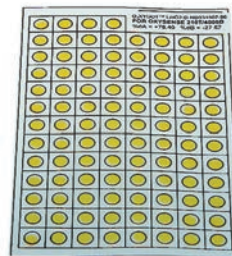
FEATURES

- Measures both in gas and liquid
- Connects to Laptop or PC
- Real time graphical display
- Touch screen operation
- Automatic data logging
- SampleTracker bar code software for managing multiple tests and samples
- Integrated report writer with graph and log capability



Dot in the Headspace

Dot in Product for DO₂



O₂xyDot Sensors

PERFORMANCE

	GAS	LIQUID
Operating Range	0-30%	0 to 100% Saturation
Lower Detection Limit	0.03%	15ppb
Operating Temperature	0° - 50°C	
Operating Humidity	0 - 100%	
Response Time	1 second	
Accuracy	5% of the reading	
Enclosure Size	6" x 6" x 2.5" 152 x 152 x 63mm	
Power	100V - 240V (50/60 Hz)	

OxySense is the leading supplier of optical oxygen measurement systems to the packaging industries.

OxySense instruments can be found in the leading packaging labs around the world.

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