

# OxySense

Non-Invasive Optical Oxygen Analyzers and Permeation Testing Solutions

## THE SOLUTION FOR YOUR LABORATORY OXYGEN MEASUREMENT REQUIREMENTS

### OxySense 5250i

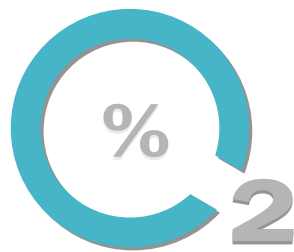
Oxygen Analyzer System



### APPLICATIONS

- :: Permeability analysis (OTR) for film, bottles and packages
- :: Headspace analysis
- :: Dissolved O<sub>2</sub> analysis
- :: Shelf life studies
- :: Closure testing
- :: O<sub>2</sub> scavenger evaluation and characterization
- :: Line start up evaluations
- :: Leak detection
- :: Anaerobic environment monitoring

COMPLIES WITH ASTM F2714-08



# OxySense

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## OxySense 5250i Oxygen Analyzer System

### BENEFITS

- :: Can be used for non-invasive and invasive measurements in oil, water and air
- :: Permits multiple 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

### O<sub>2</sub>xyDot® Sensors

The **O<sub>2</sub>xyDot** is placed in the package/container prior to filling and sealing. Afterwards, the oxygen concentration can be determined through the power of non-invasive measurements.



### FEATURES

- :: Can perform OTR measurements on films and bottles\*
- :: Measures both in gas and liquid
- :: Stand alone with built-in 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

\*Requires film permeation chambers and bottle permeation fixtures (sold separately)

### POSITIONING OF DOTS WITHIN A PET BOTTLE



### PERFORMANCE Oxygen Analyzer 5250i - Part Number: X-5250i

	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	11.5"x 13"x 7"	
Power	100V - 240V (50/60 Hz)	

**OxySense Inc.**, 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.