

OXYGEN ANALYZER SYSTEM - OXYSENSE 5250I



Non-Invasive Optical Oxygen Analyzers and Permeation Testing Solutions

Applications

- Permeability analysis (OTR) for film, bottles and packages
- Headspace analysis
- Dissolved O₂ analysis
- Shelf life studies
- Closure testing
- O₂ scavenger evaluation and characterization
- Line start up evaluations
- Leak detection
- Anaerobic environment monitoring

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

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

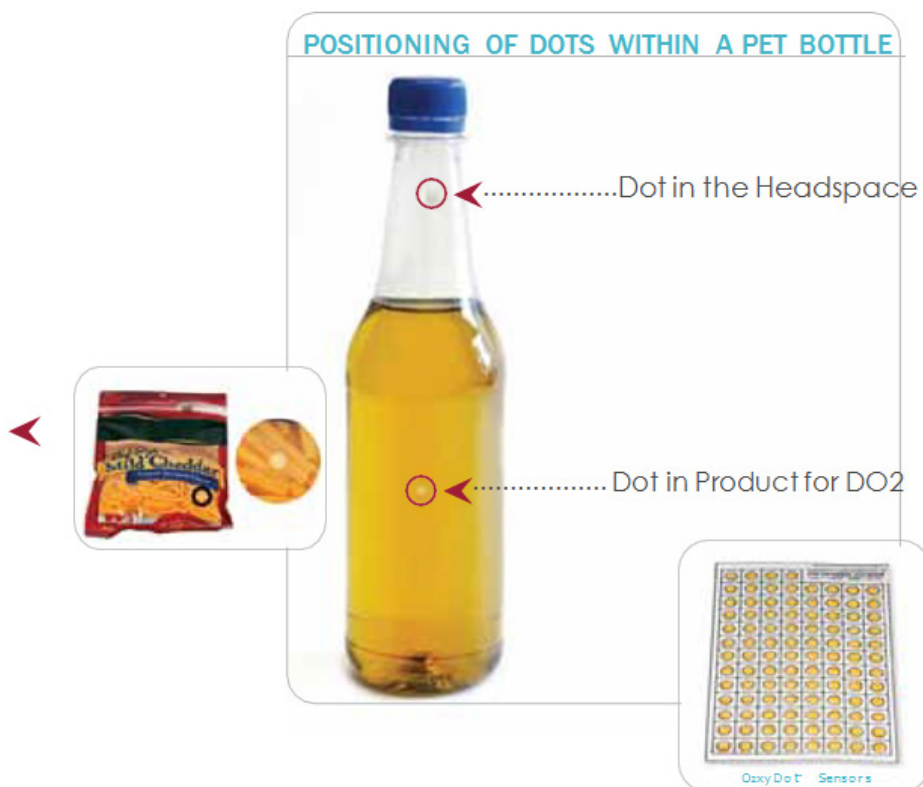
*Requires film permeation chambers and bottle permeation fixtures (sold separately)

Standards

- ASTM F2714-08

O2xyDot® Sensors

The O2xyDot 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.



Performance

	GAS	LIQUID
Operating Range	0-30%	0 to 100% Saturation
Lower Detection Limit	0.03%	15ppb
Operating Temperature		0o-50o 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)