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Model 901 Headspace Oxygen Analyzer

For Analysis of Oxygen In Gas Flushed (MAP) Food Packages and other contained environments



Demonstration Video



October 2012 - Now with more durable sample probe assembly:



PRIORITY SERVICE AND SUPPORT

We provide the highest level of support and service to our customers. Technical support is readily available from our product support group via telephone, fax or E-Mail.

Parts and repair orders are usually processed on a same day basis to minimize analyzer down time.

Call (508) 839-3940, email us at sales@quantekinstruments.com, or fill out our brief

The Quantek Model 901 is a battery-operated, portable headspace oxygen analyzer used primarily for the measurement of residual oxygen in gas-flushed (CAP/MAP) food packages.

The expected oxygen sensor life is typically 5 years, unlike other analyzers with a sensor that last 1-2 years, reducing total cost of ownership, and analyzer downtime.

This hand-held unit can be used by non-technical personnel where you need it, in the lab or at the packaging line, or at less than 3 pounds, it can be easily transported to other locations.

EASY SAMPLING & ANALYSIS

The Model 901 headspace oxygen analyzer sample probe is tipped with a particulate filter and luer fit syringe needle with side-port holes to prevent plugging. When the pump is activated, sample is drawn through the probe and tubing and then to the oxygen sensor.

The pump is electronically timed to draw in the precise amount of sample required for the analysis, and then turns itself off after the pre-set sampling time (5 to 10 seconds). The oxygen concentration is read on the display within 15-20 seconds.

LOWEST TOTAL COST OF OWNERSHIP

The Model 901 headspace oxygen analyzer is a cost effective, reliable alternative to other analyzers. Not only is the initial cost much lower, but operating supplies and maintenance costs are lower as well.

ABOUT THE MODEL 901 O2 SENSOR

The sensor is unaffected by high levels of background gases such as nitrogen or carbon dioxide. The Model 901 oxygen analyzer can also be used for applications where the oxygen level is very high (50 to 100%), without overloading the sensor. It is unaffected by trace hydrocarbons or high levels of CO₂ which can poison other types

In stock and ready to ship

- Request price quote
- Email with questions
- Call: (508) 839-3940

PACKAGE TESTING:

- Meats
- Dairy Products
- Produce
- Snack Foods
- Baked Foods
- Prepared Meals
- Coffee
- Pet Foods
- Dessert Foods
- And Many More

FEATURES

- Economically priced
- Internal pump & sample probe included
- Range 0.1%-100%
- Results in 15-20 seconds
- Rechargeable battery operation
- Liquid blocking filters
- Requires very little headspace (>10cc in a flexible package)
- Adjustable pump time
- Optional 5 second response sensor
- Includes starter pack of foam septas, needles & filters, and international compatible 100-240V charger

[Detailed options description page for all analyzers](#)

[application form](#) with quote requests or questions.

high levels of CO₂, which can poison other types of sensors.

The expected electrochemical sensor life is typically 5 years, unlike other analyzers with an electrochemical sensor that last 1-2 years.

[an analyzer](#)

External Links:

[Wikipedia Page about Modified Atmosphere Packaging](#)

ABOUT THE BATTERIES

Powered by 4 industrial rechargeable batteries, the Model 901 will last through an entire 12-16 hours shift without recharging. In a short term emergency, AA alkalines can easily be used as effectively.

SPECIFICATIONS

Call (508) 839-3940, email sales@quantekinstruments.com, or fill our our brief [application form](#) with quote requests or questions.

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All of our products are manufactured in the USA.

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