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Home Products by Application Products by Gas Applications ProductList

Headspace Analyzers

Gas Flow / Process Analyzers

Limited Headspace Analyzers

Model 907 Portable Oxygen & CO2 Analyzer

For Analysis of Headspace Oxygen in Process Applications

Model 907 Oxygen & CO2 Analyzer



DEMONSTRATION VIDEO



FEATURES

- ✓ 0-100% Carbon Dioxide
- ✓ 0-100% Oxygen
- ✓ Less than 2 lbs
- ✓ 10-12 hour runtime on full charge
- ✓ Sample results in 5-7 seconds
- ✓ Economically Priced
- ✓ Two Year Warranty



The Quantek Model 907 is a highly portable oxygen and CO2 analyzer used for the measurement of oxygen and carbon dioxide in gas-flushed (CAP/MAP) food packages and process applications (such as sampling chambers).

✓ HIGHLY PORTABLE

The Model 907 weighs only 2 lbs and comes with a nylon protective case and internal rechargeable battery pack.

It can be easily operated without removal from the shoulder strap case.

✓ ULTRA FAST

The Model 907 incorporates the latest fast response O2 and CO2 sensors, which allows results to be obtained in 5-7 seconds for rapid spot checks.

✓ EASY SAMPLING METHOD

Our standard sample probe assembly for food package testing connects to the front panel of the Model 907.

The sample probe is tipped with a particulate filter and luer fit syringe needle with side-port holes to prevent plugging.

Additionally, the probe tip can be fitted with a Moisture Guard moisture filter, which is very useful for testing samples with moisture present.

Also, the Model 907 can be equipped with a tube/metal probe assembly, useful for testing enclosures or processes where a probe must be inserted into the area to be measured. When the internal pump is activated, sample is drawn through the

✓ Typical lead time 2-3 days
- rush orders available

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

PACKAGE APPLICATIONS

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

RESEARCH APPLICATIONS

- Bioreactors
- Gas Blending Systems
- Fruit Storage Areas
- Fermentation
- Biofuel Experiments
- Algae Offgas Analysis
- Welding Gases
- Controlled Atmosphere Rooms
- Carbon Capture And Storage
- Incubation Experiments
- And Many More

INCLUDES

- ✓ **Durable Nylon Bag with removable shoulder carry strap**
- ✓ **Internal rechargeable battery pack**
- ✓ **100-240Vdc, 47-63Hz charger**
- ✓ **Internal sampling pump**
- ✓ **Sampling Probe**
- ✓ **Starter Pack of accessories (200 foam septa, 2 needles, 2 particulate filters)**
- ✓ **Starter Pack of 2 Moisture Block filters**

RECHARGEABLE BATTERY PACK

The Model 907 includes an internal NiMH battery pack, capable of 10-12 hours runtime. The charger module plugs into a standard it can accept 100-240V AC and 50-60 Hz power for worldwide use.

ABOUT THE PUMP

The rugged miniature diaphragm pump operates in a timed mode, adjustable by the user, so that it runs only when sampling. It provides a high flow rate and long operating life.

The pump turns itself off after the pre-set sampling time, adjustable from 2 to 12 seconds.

The Model 907 CO2 sensor combines cutting edge 32-bit digital signal processing with the solid reliability, compact size and state of the art microprocessor technology that makes this full-featured CO2 measurement system less complex and more robust than other instrumentation.

The Model 907 uses a long-life, fast response heavy duty electrochemical O2 sensor, with an expected lifetime of 3-4 years. Other electrochemical O2 sensors have an expected life of 1-2 years.

The expected life of the CO2 sensor is theoretically unlimited, as it contains no moving parts or consumables.

WARRANTY STATEMENT

The Model 907 is backed up with a two year warranty, twice the industry standard.

probe and tubing and then to the sensors.

USER FRIENDLY, ACCESSIBLE CONTROLS

The Model 907, when carried in the shoulder strap case, has all of the commonly accessed controls on the top of the unit for routine operation. Additional calibration and timing control adjusters are on the bottom of the analyzer, easily accessed by removing it from the carry case.

ABOUT THE SENSORS

The solid-state infrared CO2 sensor utilizes dual wavelength technology for maximum stability.

It has no moving parts, no consumables, and is housed in a compact optical cell. The sensor responds to CO2 only.

The electrochemical O2 sensor life is typically 3-4 years, unlike other analyzers with an electrochemical sensor that last 1-2 years. When required, replacement is easy and inexpensive.

Both sensors are unaffected by high levels of background gases such as nitrogen.

MICROPROCESSOR/ELECTRONICS

Micro-processor based electronics provide sensor signal processing, battery charging, pump timing and on/off control for high accuracy and reliability with minimal component use and reduced size and cost.

SPECIFICATIONS

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

Our service team responds quickly to the repair needs of our customers.



All of our products are manufactured in the USA.

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