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## **Model 901** **Headspace Oxygen** **Analyzer**

The Quantek Model 901 is a battery-operated, portable headspace oxygen analyzer.

Other headspace analyzers require a new sensor every 1-2 years. But our flagship headspace oxygen analyzer, which is used by small and large food packagers, producers, and quality control personnel throughout the world.

Use it in the lab, or on the packaging line. Non-technical personnel will find it very easy to use – and at less than 3 pounds,

it can be easily transported to other locations.

### HOW TO SAMPLE YOUR PACKAGES

The sample probe is tipped with a filter and needle. Simply affix the foam septa to your package, insert the needle through the septa, and press the pump button. Sample is drawn through the probe and into the internal oxygen sensor. The residual oxygen concentration displays within 15-20 seconds.

### LOWEST TOTAL COST OF OWNERSHIP

The Model 901 oxygen analyzer is the market leader for durability, simplicity, and reliability. The initial lower cost, and longer-life sensor, makes it the industry leader in handheld portable headspace oxygen analyzers.

### ABOUT THE INTERNAL OXYGEN SENSOR

The sensor is unaffected by high levels of background gases such as nitrogen or carbon dioxide, and unaffected by trace hydrocarbons. You can use the Model 901 for applications where oxygen level is very high (50 to 100%) without overloading the sensor. The expected electrochemical sensor life is typically 5 years, unlike other analyzers with an electrochemical sensor that last 1-2 years.

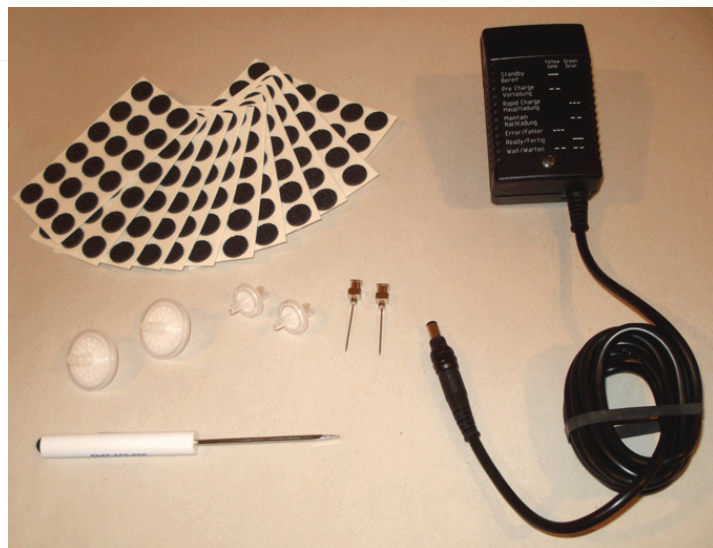
### LIQUID BLOCKING FILTERS

Sample with confidence using our liquid blocking filters – all contamination is blocked from entering the analyzer, reducing downtime significantly.y...

## Specifications

### Technical Specifications

- **Range:** 0.0 to 100% Oxygen
- **Resolution:** 0.1% Oxygen
- **Accuracy:** +/- 1% of reading
- **Minimum Detection Limit:** 0.1%
- **Drift:** less than 1% per month
- **Sensor:** Proprietary electrochemical cell, expected lifetime 4-5 years
- **Sample Pump:** Internal, draws ~5cc/sec, with 2-12 second adjustable timer (on side of unit)
- **Sampling Assembly:** Probe with male luer connection for side-port needle, PTFE tubing
- **Calibration:** Calibrates with room air; SPAN adjustment on side; ZERO adjustment on side
- **Calibration Frequency:** Minimum once per year
- **Power Supply:** Four "AA" NiMH rechargeable batteries; auto shut-off after 45 minutes idle. 100-240V (50-60Hz) Charger included, with US or international interchangeable plug adapter (upon request)
- **Backup Power:** Four "AA" alkaline batteries (not included)
- **Input Voltage:** 100-240V, 50-60Hz
- **Battery Life:** 10-14 hours before recharging
- **Size:** 8 x 4 x 1.8 in. (200 x 100 x 40 mm)
- **Weight:** 1 lb. (450 gms)
- **Warranty:** 2 years, parts and labor
- **Standards:** CE, RoHS
- **Included Consumables:** 200 foam septas, 2 luer fit needles, 2 particulate filters, 2 liquid block filters



Included Documentation: Owners manual (includes operating instructions with detailed calibration instructions, calibration certificate, precautions), NIST calibration certificate

Origin of Goods: Manufactured in the U.S.A.

### QUOTE REQUEST

1. 660 901 Analyzer
2. 660 9001 Pkg. of 200 foam seal pads
3. 660 9002 Package of 1000 foam seal pads
4. 660 9005 Particulate filter, pkg. of 5
5. 660 9028 Particulate filter, pkg of 25
6. 660 9003 Side Port Needles, pkg. of 3
7. 660 9029 Side Port Needles, pkg. of 15
8. 660 9007 Sample probe assembly
9. 660 9011 Battery Charger for 901
10. 660 9008 NiCd batteries, pkg. of 4