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## 酸素ガス濃度センサ

酸素濃縮器で生成された酸素0～10リットル/分の発生量を0～100%レベルの範囲で正確に測定。

# 酸素ガス濃度センサ

## 高精度酸素ガス濃度センサ

- ✓ **3-in-1 Functionality:** Measures oxygen purity (20.9-96%), flow rate (0-10 LPM), and outlet pressure (0.5-50 PSI / 3.4-344 kPa)
- ✓ **Ultrasonic Sensor Technology:** No need for traditional oxygen sensors, reducing maintenance costs and extending device lifespan
- ✓ **No In-Field Calibration Required:** Features a calibration verification button for quick accuracy checks
- ✓ **User-Friendly Design:** Large, easy-to-read LCD display with clear, bold numbers for quick readouts
- ✓ **Durable and Portable:** Compact size with a protective silicone case for easy transport and increased durability

The UltramaxO2 Oxygen Analyzer is a high-performance device designed to accurately measure oxygen levels in a wide range of applications. Engineered for precision and reliability, it offers exceptional performance in industries such as healthcare, manufacturing, environmental monitoring, and more.

## Key Features

- **Advanced Sensing Technology:** Equipped with state-of-the-art oxygen sensing technology, the UltramaxO2 delivers fast and accurate measurements, ensuring optimal monitoring of oxygen concentrations in real-time.
- **Wide Measurement Range:** This analyzer is capable of measuring oxygen levels from low to high concentrations, making it suitable for various applications, from industrial processes to medical settings.
- **User-Friendly Interface:** Featuring an intuitive display and easy-to-navigate controls, the UltramaxO2 ensures effortless operation. Its user-friendly interface allows for quick setup and simplified monitoring.
- **Durable and Robust Design:** Built to withstand demanding environments, the UltramaxO2 is housed in a rugged casing, ensuring long-lasting performance and protection against dust, moisture, and harsh conditions.
- **Fast Response Time:** With a rapid response time, the UltramaxO2 guarantees immediate results, allowing for quick decision-making in critical situations.
- **Versatile Calibration Options:** The UltramaxO2 offers flexible calibration options, ensuring precise and reliable measurements for a variety of applications and environments.
- **Compact and Portable:** Its compact, lightweight design makes the UltramaxO2 easy to transport and use in both fixed and portable setups.

## Benefits

- Time-Saving: Quick set-up and fast readings streamline the testing process
- Cost-Effective: Eliminates the need for sensor replacements, reducing long-term ownership costs
- Versatile: Integrated pressure monitoring eliminates the need for additional equipment
- Reliable: Self-diagnostics and error code display ensure accurate measurements

## Applications

**Medical Industry:** For monitoring oxygen levels in medical gas systems, hospitals, and clinics.

**Industrial Applications:** Ideal for oxygen analysis in manufacturing, welding, and gas production.

**Environmental Monitoring:** Used to measure oxygen levels in air quality studies and environmental testing.

**Research and Development:** Essential for laboratories conducting experiments requiring precise oxygen measurements.

## Technical Specifications

- Oxygen Measurement Accuracy:  $\pm 1.5\%$  of full scale at constant temperature and optimal flow
- Flow Measurement Accuracy:  $\pm 0.2$  LPM
- Pressure Measurement Accuracy:  $\pm 0.5\%$  PSI ( $\pm 0.5\%$  kPa)
- Power: 2 AA Alkaline batteries with long battery life
- E6 error 6: Operating Temperature:  $15^{\circ}\text{C} - 40^{\circ}\text{C}$  ( $59^{\circ}\text{F} - 104^{\circ}\text{F}$ )

The UltramaxO2 Oxygen Analyzer is your trusted solution for accurate, reliable, and efficient oxygen measurement. Ensure safety and optimize performance in your industry with this cutting-edge analyzer.

# ウルトラマックスO<sub>2</sub>酸素濃度計

詳細	メートル法	ヤードポンド法
1 製品名	ウルトラマックスO <sub>2</sub> 酸素濃度計	ウルトラマックスO <sub>2</sub> 酸素濃度計
2 製品番号	Ultramax O2	Ultramax O2
液体	メートル法	ヤードポンド法
3 ろ過器の有無とサイズ		
使用環境	メートル法	ヤードポンド法
4 最低周囲温度	15 °C	59 °F
5 最高周囲温度	40 °C	104 °F
6 最低周辺湿度	0 %	0 %
7 最高周辺湿度	95 %	95 %
ガス	メートル法	ヤードポンド法
8 最小流量 / 分	0.0 リットル	0.0 ガロン
9 最大流量 / 分	10 リットル	2.6 ガロン
10 最小流量 / 時	0.0 リットル	0.0 ガロン
11 最大流量 / 時	600 リットル	159 ガロン
12 気圧 最低	3.4 kPa	0 PSI
13 気圧 最高	344 kPa	50 PSI
14 排出ガス		
15 使用ガス		oxygen only
接続	メートル法	ヤードポンド法
16 給水		
17 排水		
18 吸気		
寸法&重量	メートル法	ヤードポンド法
19 製品サイズ (幅)x(奥)x(高)	80.3 x 129.5 x 26.4 mm	3.2 x 5.1 x 1.0 インチ

寸法&重量	メートル法	ヤードポンド法
20 製品重量	181 Kg	399.0 lbs
備考		
21 備考	<input checked="" type="checkbox"/>	