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Oxygen gas concentration sensor

The UltramaxO2 Oxygen Analyzer offers accurate, real-time oxygen measurement with advanced sensing technology, which is ideal for healthcare, industrial, and environmental applications.

Oxygen gas concentration sensor

Measure accurately oxygen gas concentration levels

- ✓ **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 that accurately measures oxygen levels in various applications. Engineered for precision and reliability, it delivers exceptional performance in multiple industries, including 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 real-time monitoring of oxygen concentrations.
- **Wide Measurement Range:** This analyzer can measure oxygen levels across a broad range, from low to high concentrations, making it suitable for various applications, including industrial processes and medical settings.
- **User-Friendly Interface:** The UltramaxO2 features an intuitive display and easy-to-navigate controls, ensuring 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 quick decision-making in critical situations.
- **Versatile Calibration Options:** The UltramaxO2 offers flexible calibration options, ensuring precise and reliable measurements for a wide range of applications and environments.
- **Compact and Portable:** The UltramaxO2's compact, lightweight design makes it easy to transport and use in both fixed and portable setups.

Benefits

- **Time-Saving:** Quick setup 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: To monitor oxygen levels in 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: ± 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°C - 40°C (59°F - 104°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.

ultramax o2 oxygen analyzer

Beschreibung		Metrisch	Kaiserlich
1	Model name	Ultramax O2 oxygen analyzer	Ultramax O2 oxygen analyzer
2	Model number	Ultramax O2	Ultramax O2
Umgebung		Metrisch	Kaiserlich
3	Ambient temperature minimum	15 °C	59 °F
4	Ambient temperature maximum	40 °C	104 °F
5	Relative humidity minimum	0 %	0 %
6	Relative humidity maximum	95 %	95 %
Gas		Metrisch	Kaiserlich
7	Minimum flow / minute	0.0 Liter	0.0 Gallone
8	Maximum flow / minute	10 Liter	2.6 Gallone
9	Minimum flow / hour	0.0 Liter	0.0 Gallone
10	Maximum flow / hour	600 Liter	159 Gallone
11	Druck Minimum	3.4 kPa	0 PSI
12	Druck maximal	344 kPa	50 PSI
13	Gas remark	oxygen only	oxygen only
Abmessungen & Gewicht		Metrisch	Kaiserlich
14	Abm. (B) x (T) x (H)	80.3 x 129.5 x 26.4 mm	3.2 x 5.1 x 1.0 Zoll
15	weight	181 Kg	399.0 lbs.
Bemerkungen			
16	Other remarks		