

UltraMax O₂

SENSING

ANALYSIS

DELIVERY

Verify O₂ concentration, flow accuracy, and outlet pressure.

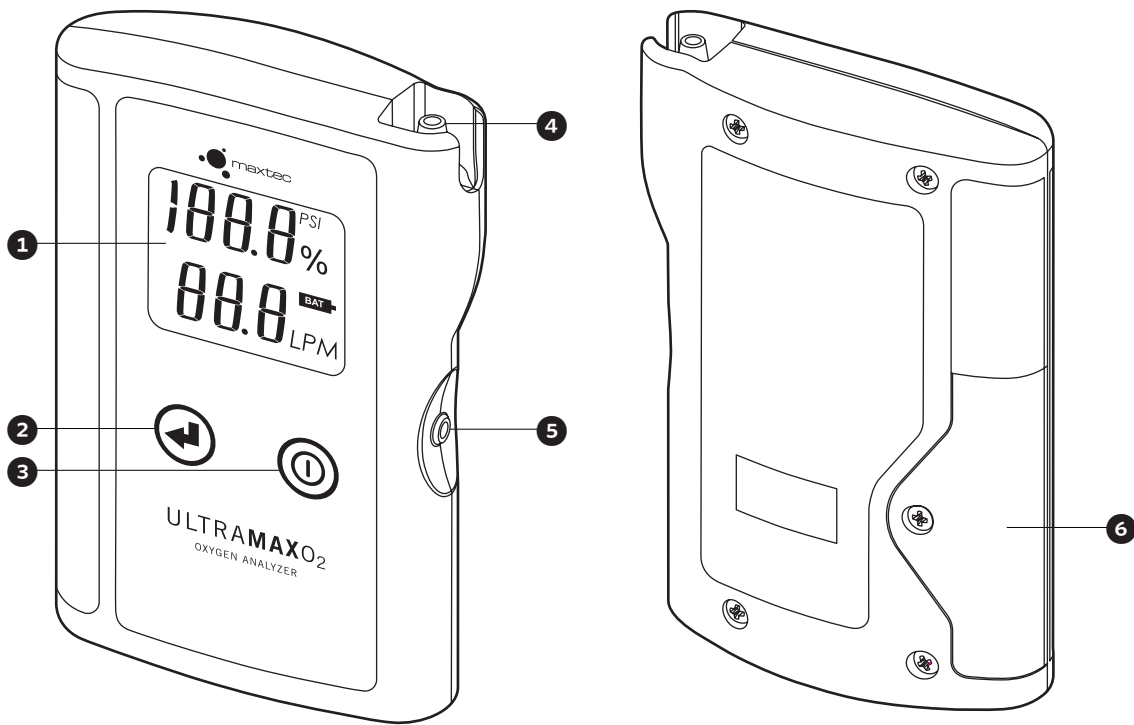


ULTRA PERFORMANCE

The UltraMax O₂ analyzer was designed to verify oxygen concentration at a glance, including the flow and outlet pressure of oxygen concentrators. Its advanced design provides high-level performance and reliability.

PART NUMBERS

UltraMax O₂ R221P11
UltraMax O₂ (Int'l) R221P11-001
UltraMax O₂ (Turkey) R221P11-002



1. LCD Display

Large, easy-to-read liquid crystal display

2. Mode Button

No in-field calibration required

3. On/Off Button

One-touch on and off power

4. Gas Sample Inlet

Used to receive the gas sample

5. Gas Sample Outlet

An outlet for the gas sample; also used as a trigger for pressure measurement when occluded

6. Battery Door

Long battery life with two (2) AA batteries

Specifications

Oxygen Measurement Range (from concentrator)	20.9% to 96%.
Oxygen Measurement Accuracy	±1.5% of full-scale at constant temperature and optimal flow
Oxygen Measurement Resolution	0.1% oxygen
Flow Measurement Range	0 to 10 lpm
Flow Measurement Accuracy	±0.2 lpm
Flow Measurement Resolution	0.1 lpm
Pressure Measurement Range	0.5 to 50 psi (3.4 to 344 kPa)
Pressure Measurement Accuracy	±0.5% psi (±0.5% kPa)
Pressure Measurement Resolution	0.1 psi (0.1 up to 199, 1 from 200 to 344 kPa)
Response Time	≤ 17 seconds
Warm-up Time	< 1 second
Operating Temperature	15°C to 40°C (59°F to 104°F)
Storage Temperature	-15°C to 60°C (5°F to 140°F)
Atmospheric Pressure	800 to 1000 mbars
Humidity	0% to 95% (non-condensing)
Power Requirement	Two (2) AA alkaline batteries (2 x 1.5 volts)
Battery Life	1,100 hours (16,500 read cycles)
Low Battery Indication	"Low Battery" icon displayed on LCD
Dimensions	3.39" x 5.10" x 1.00" (85.98mm x 129.54mm x 25.27mm)
Weight	0.4 lbs (181 grams)