

The 3-in-1 UltraMaxO₂ Oxygen Analyzer

Item#
RES7000

- Quick Set-Up & Readouts
- Low Cost of Ownership
- Ability to Check Outlet Pressure
- No In-Field Calibration Required



The UltraMaxO₂ helps oxygen concentrator service technicians looking to **save on costs and time** when checking patient O₂ concentrators.

With **integrated oxygen, flow, and outlet pressure monitoring** in a single device, this handheld device is easy to operate, store, and transport and does not require a traditional electrochemical sensor, which reduces the overall maintenance and minimizes the cost of ownership.



Confidence in What's Being Delivered

The UltraMaxO₂ is lightweight, durable, and easy to transport. The small design and protective silicone case fits comfortably in the palm of your hand or in your back pocket.

Quick Readouts

The UltraMaxO₂ displays quick, easy-to-see readings by connecting the tubing from the gas sample inlet on the device directly to the oxygen concentrator.

Ability to Check Outlet Pressure

Having an integrated pressure monitor paired with %O₂ and flow measurement means that you only need one piece of equipment.

Covering the outlet port with your finger will switch the reading from displaying %O₂ & flow rate to displaying the pressure of the O₂ concentrator.

An added feature allows the user to change the unit display for pressure from pounds per square inch to kilopascal by using a switch inside the battery door.



Reduced Cost with The Ultrasonic Sensor

The built in ultrasonic sensor is designed to last the life of the analyzer, unlike a traditional galvanic oxygen sensor. This helps maintain a low cost of ownership.

No In-Field Calibration Required

The UltraMaxO₂ has a calibration verification button that verifies the unit is working correctly. If there is an issue with the calibration an error code will display to let the technician know there is an issue.

Technical Specifications

Oxygen

Oxygen Measurement Range (from a concentrator)	20.9 - 96%
Oxygen Measurement Accuracy	±1.5 % of full scale at constant temperature and optimal flow
Oxygen Measurement Resolution	0.1% Oxygen

Flow

Flow Measurement Range	0 - 10 LPM
Flow Measurement Accuracy	±0.2 LPM
Flow Measurement Resolution	0.1 LPM

Pressure

Pressure Measurement Range	0.5 - 50 (PSI), 3.4 - 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 - 40°C (59°F-104°F)
Storage Temperature	-15°C - 60°C (5°F-140°F)
Pressure	800 - 1000 mBars
Humidity	0 - 95% (non-condensing)
Power Requirements	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	3.16" x 5.10" x 1.04" (80.3mm x 129.5mm x 26.4mm)
Weight	0.4 lbs (181 g)

