

MaxO₂[®]+ A Oxygen Analyzer



*“Patented ergonomic design
fits comfortably in your hand”*

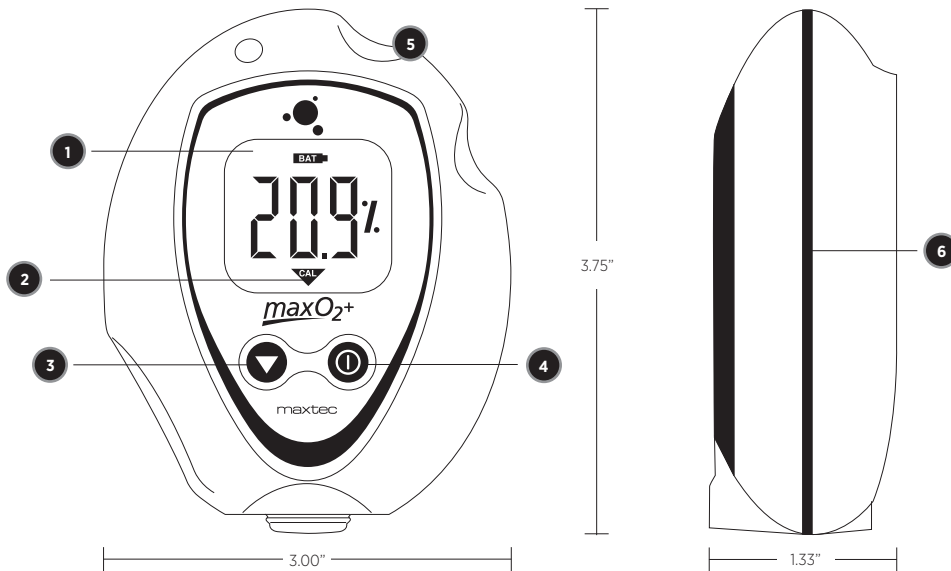


► MaxO₂+A Overview

The MaxO₂+A was designed with simplicity and portability in mind. This analyzer quickly adapts for use in tubing applications and is ideal for checking oxygen percent accuracy in line or on concentrators. Its patented ergonomic design fits comfortably in your hand and features a simple one-touch on/off and calibration. The MaxO₂+ will calibrate to room air (20.9%) or 100% oxygen. For applications needing an external sensor, check out our MaxO₂+AE.

Part Numbers

MaxO₂+A R217P62
MaxO₂+A w/Flow Adapter R217P62-004



1. Large LCD

Easy to read characters

2. Calibration Reminder

Reminds once a week

3. One-Touch Calibration

Auto cal. to room air or 100% oxygen

4. On/Off Button

One-touch on and off

5. Patented Ergonomic Design

Fits comfortably in your hand

6. Rubber Gasket

Prevents moisture from contact board

Specifications

Measurement Range:	0 - 100% Oxygen
Display Resolution:	0.1% Oxygen
Warm-up Time:	None Required
Operating Temperature Range:	15°C - 40°C (59°F - 104°F)
Operating Humidity Range:	0 - 95% RH non-condensing
Oxygen Measurement Accuracy:	±3% actual oxygen level over full operating temperature range
Sensor Connection:	M16 x 1 Thread
Sensor Operating Life:	>900,000 oxygen percent hours, minimum 2 years in typical applications
Maximum Storage Temperature Range:	15°C - 50°C (5°F - 122°F)
Optimal Storage Temperature Range:	5°C - 25°C (41°F - 77°F)
90% Response Time:	<15 seconds @ 23°C
Low-Battery Indicator:	"BAT" icon displayed on LCD
Power Requirement:	2-AA Alkaline Batteries (2x1.5 Volts)
Calibration Reminder:	One week timer started with every calibration, "CAL" icon displayed on LCD
Sensor Type:	Maxtec MAX-250+ galvanic fuel cell
Total Weight:	0.4 lbs (170 grams)
Dimensions:	3.75" (tall) x 3.00" (wide) x 1.33" (thick)

ML#486 RevC



6526 South Cottonwood Street
Salt Lake City, Utah 84107

866.4.Maxtec | www.maxtec.com

Handi+®

- **New and improved one-touch calibration button**
- **Overmold for extra protection**
- **Small, convenient and portable**
- **Auto-off**
- **24 month warranty**



The Handi+ is everything it's always been and more! Maxtec has improved the Handi O₂ analyzer to better meet your needs for oxygen analysis. The simple to use, one-touch calibration button, new overmold, and calibration reminder combined with the traditional 2 year warranty, auto-off and size make it the best of its class.

Specifications

Sensor Type:	MAX-250 galvanic cell w/Temperature Compensation (Non-Replaceable)
Measurement Range:	0.0 - 99.9% oxygen (gas)
Resolution/Display:	0.1% - The three digit LCD indicates values between 0.0 - 99.9% oxygen Over range indicated by one decimal point on display located after the first digit
Response Time:	< 15 seconds for 90% step change (at 25°C)
Linearity/Accuracy:	@ 15° to 40°C. ± 1 % of full scale at constant temperature, R.H. and pressure when calibrated at full scale ± 3% actual oxygen level over full operating temperature
Power:	Powered by one internal, non-replaceable, Lithium battery, CR2450. Power on push button automatically shuts off after 80 seconds time-out. Electronics rated general purpose; not for use in hazardous areas or for use with flammable gases
Battery Life:	Approximately 1850 hours (74,000 cycles)
Sample Port:	M-16 x 1 thread with diverter fitting and barbed tubing adapter
Diverter Fitting:	Fits medical standard 15mm "T" adapter
Temperature:	Operating: 15° to 40°C, Storage: -15° to 50°C
Expected Storage Life:	Two months. Special freshness seal on sensor.
Operating Pressure:	Atmospheric pressure to 3psig
Environmental:	General purpose housing equivalent to NEMA 1. The Handi+ is not waterproof. 0 - 95% RH, non-condensing
Weight:	Approximately 2.12 oz (60 grams)

Part Numbers

Handi+ AnalyzerR218P12