

Oxygen Analyzers *(continued on next page)*

The All-New Handi®+

Oxygen Analyzer

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. This all-new analyzer from Maxtec now features a new one-touch calibration and a protective overmold for increased durability.

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

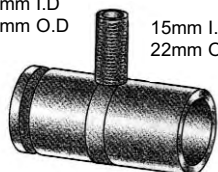
Handi+ Analyzer
#HO-R218P12



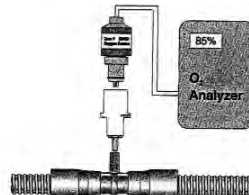
Specifications

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 sec. 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)

15mm I.D.
22mm O.D.



GZ-BE 105-10
Multi-use adapter with spring loaded FIO₂ port.
Includes GZ-BE 101-3A activator for small bore tubing.



Example set-up showing activator with FIO₂ sensor for non-contaminating O₂ spot checks.



Model MAXO₂[®]+A
24 month warranty
#HO-R217P62

MAXO₂[®]+A & AE

Maxtec[®] is pleased to introduce the revolutionary MAXO₂[®]+ oxygen analyzers. They come fully equipped with a simple to use one-touch calibration, and an unsurpassed 5000 hour battery-life. Both analyzer and sensor are protected with a two year warranty. The MAXO₂⁺ ergonomic, patented design is user friendly and fits comfortably in your hand.

- MAXO₂[®]+A #HO-R217P62
Oxygen Analyzer with internal sensor
MAXO₂[®]+AE #HO-R217P72
Oxygen Analyzer with external sensor

Oxygen Analyzers *(continued from previous page)*



Models OM-25 ME & MEL
24 month warranty

OM-25 Series

Our MAXO₂[®] (OM-25 Series) is known for its legendary 2 year warranty on both the analyzer and sensor. Maxtec leads the industry in long battery life and overall low cost of ownership.

#HO-OM-25ME (R213P05)

MAXO₂[®], Oxygen Monitor alarm (18-99%) external sensor

#HO-OM-25MEL (R213P65)

MAXO₂[®], Oxygen Monitor low limit alarm (15-99%) external sensor

#HO-OM-25A (R213P15) *Not Shown*

MAXO₂[®], Oxygen Monitor alarm w/ integral O₂ sensor inside for checking oxygen concentrators

O₂ Replacement Sensors



MAX[™]-250E
Extended life
24 Month warranty



MAX[™]-250 & MAX[™]-250+
Extended life
24 Month warranty



MAX[™]-250ESF
Extended life
12 Month warranty

MAX[™]-250+ #HO-R125P02-011

Oxygen replacement sensor for the MAXO₂[®]+A

MAX[™]-250 #HO-R125P01-002

Oxygen replacement sensor for the OM-25A

MAX[™]-250E #HO-R125P03-002

Oxygen replacement for the MAXO₂[®]+AE, OM-25ME, OM 25AE & MAXBlend

MAX[™]-250ESF #HO-R115P85

Oxygen replacement sensor. Small size and fast response. MAXO₂[®]+AE, OM-25AE & MAXBlend.

Oxygen Analyzers



#EC-PM5900

State-of-the-Art Accurate and Durable Oxygen Monitor

It's Intelligent...

It is the only unit which retains settings with batteries removed.

It's Unique...

It is the only unit to have three (3) different alarm sounds; high/low, check sensor and low battery alarms.

It's Durable...

It has a high impact housing for unparalleled performance under the hardest conditions.

It's Versatile...

Easy mounting bracket, soft grip sides or nonskid feet.

It's User Friendly...

It has a back lit easy-to-read screen and uncomplicated key pad.

It's a High Performance Unit...

The highly accurate unit maintains $\pm 1\%$ accuracy.

Specifications

Dimensions: (Monitor without cable and sensor attached)	Length: 1.72" (4.36 cm) Width: 3.56" (9.04 cm) Height: 5.44" (13.82 cm) Cable Length (fully extended): 10ft. (3.05 m)
Weight:	Oxygen Monitor, Sensor, Batteries and Cable weight included: 1.11 lbs (0.50 kg)
Operating Conditions:	Temperature: 50°F to 113°F (10°C to 45°C) Altitude: Sea Level to 8,000 ft (elevation)
Power Requirements:	4 AA Alkaline Batteries (4 x 1.5 = 6 Volts)
Battery Life:	Approximately 2,000 hours continuous use non-alarm condition
Diverter Fitting:	15 mm "T" adapter
Measurement Range:	0.0 - 100% Oxygen
Accuracy & Linearity:	$\pm 1\%$ full scale at constant temperature, relative humidity and pressure when calibrated at full scale
Total Accuracy:	$\pm 3\%$ actual oxygen level over full operating temperature range
Response Time:	90% of final value in less than 12 seconds at 77°F (25°C)
Low Battery Indication:	"LO BATTERY" message displayed and audible alarm
Low Alarm Range:	18%-99% Oxygen
High Alarm Range:	19%-100% Oxygen
High Alarm De-Activation Setting:	Above 100% ("---" will appear)
Sensor Type:	Galvanic Oxygen Sensor (fuel cell)

ACCESSORIES AND REPLACEMENT PARTS

Horizontal Pole Mount



Ordering Information
#EC-505014

Vertical Pole Mount



Ordering Information
#EC-505013

Wall Mount



Ordering Information
#EC-505189

T Piece



Ordering Information
#EC-505126

Coil Cable



Ordering Information
#EC-504937

Sensor



Ordering Information
#10-10305

Diverter



Ordering Information
#EC-505344

Oxygen Analyzers



#50-473030 (Replacement sensor #10-103-05)

MiniOX 1

For spot checking oxygen concentrations, the MiniOX 1 Oxygen Analyzer is the preferred choice of healthcare professionals. This portable unit comes with battery life indicators, and easy-to-use thumb wheel calibration dial and a push-button ON/OFF switch. Powered by one 9-volt battery, the MiniOX 1 Oxygen Analyzer provides up to 1400 hours of use.

Each MiniOX 1 Oxygen Analyzer is shipped ready-to-use, complete with oxygen sensor, coiled cable, tee adapter and battery.

MiniOX 1 SPECIFICATIONS

Range:	0 - 100% O ₂
Display Resolution:	0.1% O ₂ Increments
Linearity:	± 1% of full scale
Accuracy:	± 1% of full scale
Low Battery Indicator:	1st Stage: "LO BAT" will appear on the display. 2nd Stage: instrument will shut down.
Warm Up Time:	None required
Operating Temperature Range:	0 degrees to 40 degrees C (32 degrees to 104F)
Storage Temperature Range:	-20 degrees to 55 degrees C (-4 degrees to 131 degrees)
Humidity:	0 to 95% RH
Power Requirement:	One 9 volt alkaline battery (72 mn 1604)
Battery Life:	Approx. 1,400 hours
Dimensions:	4-5/8" x 2-1/2" x 1-1/2"
Weight:	7 oz. (198.5 grams)
Cable Length:	10 ft. (3m) fully extended



#50-804174 (Replacement sensor #10-103-13)

MiniOX 1A

The MiniOX 1A Oxygen Analyzer is the ideal choice for spot checking or repairing home oxygen concentration. Designed to attach to any model oxygen concentrator, the MiniOX 1A Oxygen Analyzer with internal oxygen sensor is portable, easy-to-use and features better life indicators and a thumb wheel dial for convenient calibration. The MiniOX 1A Oxygen Analyzer is powered by one 9-volt battery for up to 1400 hours of use.

Each MiniOX 1A Oxygen Analyzer is shipped ready-to-use and comes with oxygen sensor, adapter and battery.

MiniOX 1A SPECIFICATIONS

Range:	0 - 100% O ₂
Display Resolution:	0.1% O ₂ increments
Linearity:	± 1% of full scale
Low Battery Indicator:	"LO BAT" appears on instrument when 8 hours operational time remains on unit. Dead battery indicator: Unit numerical display will blank to prevent possible erroneous operation.
Power Supply:	One 9 volt alkaline battery (72 mn 1604)
Battery Life:	Approx. 1400 hours
Cable Length:	No cable. Connects directly to O ₂ concentrator.
Dimensions:	5.69" x 2.5" x 1.75"
Weight:	11 oz.
Storage Temperature:	-20 degrees to 55 degrees C (-4 degrees to 131 degrees F)
Humidity:	5 - 95% RH (non-condensing)
Alarms:	N/A

Oxygen Analyzers

MiniOX 3000 Oxygen Monitor 50-814365



When your oxygen analysis calls for continuous monitoring, the MiniOX 3000 Oxygen Monitor is the obvious choice. Portable and easy-to-use, the MiniOX 3000 Oxygen Monitor is perfect for "in line" oxygen monitoring in such applications as hospital and home ventilators, NICU and anesthesia delivery equipment.

The MiniOX 3000 features high and low oxygen concentration alarms, automatic calibration, battery life indicators and alarms, sensor/cable disconnect alarm and an alarm verification indicator. Powered by one 9 volt battery, the MiniOX 3000 provides up to 1500 hours of use.

Each MiniOX 3000 is shipped ready-to-use, complete with oxygen sensor, coiled cable, tee adapter and battery.

MiniOX 3000 SPECIFICATIONS

Range:	0 - 100% O ₂
Display Resolution:	0.1 O ₂ increments
Linearity:	± 1%
Battery Indication: (Two Stage)	Stage 1: Warning that approximately 6 hours of monitoring life remain. LOW BAT appears on display, beep sounds every 30 seconds until battery is replaced or Stage 2 occurs. Stage 2: Alarm that proper operation is not assured; monitor shuts down, audible and visual alarms are activated.
Power Supply:	One 9-volt battery
Battery Life:	Approx. 1500 hours
Cable Length:	10 feet
Dimensions:	5.98" x 3.26" x 1.31"
Weight:	9.2 oz.
Storage Temp:	-40 to 70°C (-40 to 158°F)
Humidity:	5-95% RH (non-condensing)
Alarms:	Pulsating alarm/flashing LED



10-10305

For MiniOX I, II, III & 3000

Sensor Specifications

Type	Galvanic	Interferant	Volume % Dry	Interface Equivalent of % O ₂
Shelf Life	Sensors, as shipped can be stored for a maximum of 6 months without degradation of life.	Carbon Dioxide	12%	0.1%
Life	Over one year in normal medical conditions (750,000 O ₂ % hours)	Cyclopropane	50%	0.1%
Response Time	97% of final value in 20 - 30 seconds.	Desflurane	7.5%	0.5%
		Diethyl Ether	20%	1.5%
		Enflurane	4%	0.5%
		Halothane	5%	0.9%
		Helium	80%	0.2%
		Isoflurane	8%	0.5%
		Methoxflurane	4%	2.3%
		Nitrogen	80%	0.2%
		Nitrous Oxide	80%	0.8%

Replacement Accessories

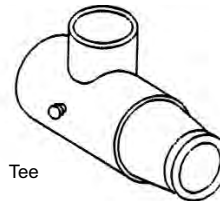
50-474682	Home Care Kit
50-474606	Dovetail
50-474667	Sleeve Adapter
50-472045	Coiled Cable
50-803229	Deflector
50-834249	Retaining Strap

Adapters

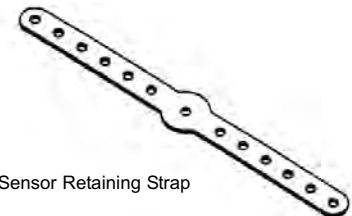
50-473021	In Line Tee Adapter
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Mounting Brackets

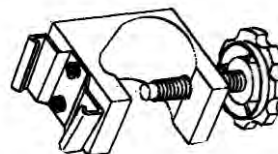
50-474664	Mounting Bracket 1 Pole
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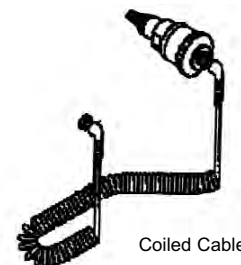
Tee



Sensor Retaining Strap



Mounting Bracket (optional)



Coiled Cable

Oxygen Analyzers/Accessories



HO-R103P16	Monitor Cable Kit (AE, ME models) with glue, tie, grommet
HO-R103P90	Perfusion "T" Adapter
HO-R103P96	Sensor Adapter
HO-R110P10	Flow Diverter Fitting
HO-R205P86	Wall Mount Bracket (AE, ME models)
HO-R206P75	Pole Mount Clamp (AE, ME models)
HO-R206P76	Horizontal Pole Clamp (not shown)
HO-R207P17	Concentrator Adapter Threaded (AE, ME and Handi®/Tygon Tubing included)
HO-R106P15	Concentrator Adapter Slip with Tube
HO-R213P02	Monitor/Analyzer Case (any model)
HO-R213P31	Deluxe Swivel Mount
HO-R213P55	Table Top Stand (ME models)
HO-R213P90	Handi®/MAXO2® Box (foamed, waterproof) 8" (L) x 4" (W) x 4" (D)
HO-R213P56	Deluxe Carrying Case (foamed, water-tight) 10-5/8" (L) x 9-11/16" (W) x 4-7/8" (D) (not shown)
HO-R213P92	Handi® Lanyard
HO-RP16P02	"T" Adapter (15mm I.D.)
HO-RP16P04	Draeger® Dome Assembly (not shown)
HO-RP16P10	MAX™ Quick Connect - "T" Adapter with Shut-Off Valve
HO-RP84P04	MAX™-Lock
HO-R101P01	Flow Through Head
HO-RP11P28	BC Adapter
HO-R217P32	Soft Tight Fit Carrying Case
HO-RP76P06	Lanyard
HO-R213P56	Deluxe Carrying Case
HO-R217P22	Belt Clip and Pin Assembly
HO-R2P7701	Jump Bag
HO-R217P23	Dovetail Assembly