



## Portable PPM & Percent Oxygen Analyzer with Data Logging



**AM560SS Portable Oxygen Analyzer with Sample System**



### Specifications:

Accuracy :	< +/- 1% of Full Scale Range*
Analysis Range:	0-10/100/1000/10000ppm/25%
Battery Indicator:	Integrated into Large Display
Calibration:	Periodically
Data Logging:	Removable USB Flash Drive
Dimensions:	12.0 x 6.0 x 5.0 inch
Display:	Large with Backlight
Enclosure:	Anodized Aluminum
Flow Sensitivity:	0.5 - S SCFH
Gas Connections:	Quick Disconnect
Output (Analog):	0 - 1V DC
Power:	Rechargeable Battery 100 - 240 VAC AC Adaptor
Pressure:	Inlet, 0.1 - 50 PSIG
Response Time:	T90 in 7 Seconds
Sensor:	Please choose suitable type
Sensor Life:	20 - 25 months
Temperature:	0-50 deg C
Temperature Compensation:	Integral
Warranty:	12 months
Weight:	5.75 lbs

**0 - 10 PPM Low Range; 0-25% High Range**

**Large Backlit Display w/ User Friendly Menu**

**Data Log via Removable USB Flash Drive**

**Quick Disconnect Isolation Gas Fittings**

**Continuous Analysis During Charging**

**Electrochemical Sensor Technology**

The AM560 oxygen analyzer combines a rugged portable design with precision oxygen sensors. The result is a highly reliable and cost-effective design with easy-to-use user interface.

The analyzer comes with a 0 - 10 PPM full scale low range. A removable USB flash drive for data logging via .CSV (Excel) file format.

With an 8GB USB Flash Drive, you can log data at 1-minute intervals for about 50 years before running out of storage. The low full-scale range and flexibility to easily access data allows this analyzer to be unmatched in the market.

The display of the analyzer is designed to be used in direct sunlight. The oxygen sensor used in the AM560 is based on the galvanic electrochemical fuel cell principal. All oxygen sensors are produced under the oversight of the Edgetech ISO9001 quality system.

The standard cell (16T303) is unaffected by other background gases such as H<sub>2</sub>, He or Hydrocarbons. The acidic cell (16T304) works well when acid gases such as CO<sub>2</sub> or Natural Gas are present.

The sensors are self-contained and minimal maintenance is required, so no electrode cleaning or electrolyte adds needed.

### Applications:

- Pipeline Leak Detection
- Spot Checking for Air Separation & Processes
- Headspace Gas Analysis
- Beverage Grade CO<sub>2</sub> Monitoring
- Heat Treating & Bright Annealing
- Inert Gas Welding of Exotic Materials

### Sensors Types & Optional Accessories:

- AMENC-560 Carrying case with foam insert
- 16T304 Trace Oxygen Sensor (<0.5% CO<sub>2</sub> Present)
- 16T303 Trace Oxygen Sensor (Inert Gases)
- 16P306 Percent Oxygen Sensor (Hydrogen Gas)
- 16P307 Percent Oxygen Sensor (Inert Gas)
- 16P103 Percent Oxygen Sensor (100% Oxygen)

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