



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:	10.9 x 10.0 x 4.9 inch
Display:	Large with Backlight
Enclosure:	Brushed Stainless Steel
Flow Sensitivity:	0.5 - 5 SCFH
Gas Connections:	1/8" Compression Tube
Output (Analog):	0 - 1V DC
Power:	Rechargeable Battery 100 - 240 VAC AC Adaptor
Pressure:	Inlet, 0 - 50 PSIG
Response Time:	T90 in 7 Seconds
Sample System:	Flow Control, 4-way sample/ Bypass Valve, Flow Indicator
Sensor:	Please choose suitable type
Sensor Life:	20 - 25 months
Temperature:	0-50 deg C
Temperature Compensation:	Integral
Warranty:	12 months
Weight:	11.75 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 AM560SS 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 AM560SS 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 H₂, He or Hydrocarbons. The acidic cell (16T304) works well when acid gases such as CO₂ 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 CO₂ 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% CO₂ 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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