

PA-10

A High-Resolution, Paramagnetic Oxygen Analyzer



The PA-10 Oxygen Analyzer

The PA-10 is a paramagnetic oxygen analyzer capable of measuring oxygen with the accuracy and fast response required for the most demanding oxygen monitoring applications. From breath-by-breath respirometry to medical oxygen purity testing, the PA-10 has the response and accuracy to get the job done.



Digital, 2-line alphanumeric display

The PA-10 has a display and control knobs that allow the user to span, calibrate, and change multiple settings at the analyzer.

Fast Response

With a response time of only 0.2 seconds, the PA-10 is capable of monitoring O₂ consumption in breath-by-breath respirometry

Barometric Pressure Compensation

Standard in our analyzers, barometric pressure compensation eliminates errors caused by ambient pressure variation.

Three year warranty

Sable Systems instruments are warranted to be free of defects in material or workmanship for a period of three (3) years from date of purchase. See website for warranty policy.

Lifetime Technical Support

Our technical support team will help you overcome any challenges you may face with equipment setup as well as provide advice and assistance on future applications.

Optional Configurations:

Pressure Monitoring: Barometric pressure sensor may be plumbed into gas stream providing line pressure instead of atmospheric pressure.

Connectors: a variety of external gas connectors and fittings are available to meet your needs. Call for more information.

Specifications:

Sensor Type: Paramagnetic

Range: 0-100% O₂

Accuracy: O₂: 0.1% typical 0-100%

Resolution: up to 0.0001%O₂

Response Time: 0.2sec (for step change 10-90%)

Drift: < 0.01%O₂/hr (At constant temperature with constant N₂ flow at 50 mL/min)

Weight: 6lbs/2.8kg (11lbs/5kg with packaging)

Dimensions: W: 12in/31cm, H: 4in/10cm, D: 13.5in/34cm

Power Requirements: 12-15 VDC nominal, 75-150mA consumption; universal AC adapter supplied

Flow Rate: 5-200mL/min

Analog Outputs: Multiple range 0-5V BNC for O₂, barometric pressure, sensor temperature, and user selectable

Digital Outputs: RS-232 (serial)

Operating Conditions: 0-50 °C, non-condensing

Barometric Pressure Accuracy: 1% of reading

Barometric Pressure Resolution: 0.0001kPa

Contact Sable Systems.

We encourage you to discuss your application with us.

Phone: 800-330-0465 (toll-free) / 702-269-4445

Fax: 702-269-4446.

On the Web: www.sablesys.com

Email Us: mail@sablesys.com.