

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

The Wayback Machine - https://web.archive.org/web/20181007081722/http://aeitechnologies.com:80/s-3a-oxygen-analyzer/

S – 3A Oxygen Analyzer





The S-3A Oxygen Analyzer system provides continuous and accurate measurement of oxygen concentrations from 0-100%. There are two systems; the S-3A/I which has a single oxygen channel and the S-3A/II has 2 oxygen channels. The Analyzer consists of a Readout/Control unit with a connecting cable to the Sensor. The single cell Model N-22M Sensor and double The S-3A Oxygen Analyzer system provides continuous and accurate measurement of oxygen concentrations

from 0-100%. There are two systems; the S-3A/I which has a single oxygen channel and the S-3A/II has 2 oxygen channels. The Analyzer consists of a Readout/Control unit with a connecting cable to the Sensor. The single cell Model N-22M Sensor and double cell Model N-37M Sensor use a durable zirconia electrochemical cell that has an inherently rapid response to changes in oxygen concentration and is maintenance free. Double cell sensors (Model N-37M) permit differential oxygen measurement over all concentration ranges.

Request a Quote

- Exclusive Features:
- Specifications:
- Additional Specifications for S - 3A II Delta Channel

- High 0.01% accuracy at all oxygen concentrations
- Rapid 100 millisecond response ideal for accurate breath-by-breath measurements
- High sensitivity plus exceptional stability capable of detecting changes of 0.001% oxygen at air composition
- Solid ceramic oxide sensing element for long term maintenance-free operation
- Single gas calibration

- **Speed of Response:** to 90% of final value in less than 100 milliseconds for a step change in O_2 concentration
- **Accuracy:** ± 0.01% O_2
- **Repeatability:** ± 0.01% O_2
- **Sensitivity:** ± 0.001% O_2
- **Resolution:** Digital Display ± 0.01 % O_2
- **Operating Range:** 0 – 100% O_2
- **Analog Output:** 0 to 10 Volts buffered for 0 – 100% O_2
- **Ambient Temperature:** 0 – 40°C
- **Sample Flow Rate:** 10 – 300 ml/min, 50 – 200ml/min recommended for most applications
- **Voltage:** 120 VAC or 240 VAC

- **Accuracy:** ± 0.003% O_2
- **Stability:** ± 0.003% O_2 in any 4 hour period
- **Resolution:** ± 0.001% O_2 on the digital display

Design & Marketing: Eye See You Now

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP