

The NYAD series 201T Percent Oxygen analyzer features an advanced electrochemical sensor. The sensor output is sent to our micro-processor based controller which then provides a digital display of Oxygen in the range of either 0- 25% or 0-100%.

The Series 201T includes two adjustable alarm contacts with panel mounted visual LED's and an internally mounted audible alarm as well as standard 0-5 VDC or 4-20mA output that has user adjustable zero and span. Other signal outputs are also available.

The Series 201T includes NYAD's one touch calibration feature allowing the user to easily perform periodic calibrations using certified span gas.



## APPLICATIONS

|                |                        |
|----------------|------------------------|
| SEMICONDUCTORS | CHEMICAL PROCESSING    |
| HEAT TREATING  | MEDICAL AIR            |
| AERO SPACE     | BREATHING AIR          |
| INDUSTRIAL GAS | ROOM OXYGEN MONITORING |

## ADVANTAGES OF NYAD ANALYZERS

The NYAD Series 201T Analyzers are available in various configurations to meet customer specific applications, ranging from O.E.M to Nema 7 explosion proof systems.

Our state-of-the-art technology and design will ensure the highest level of detection with precise and accurate measurements.

The NYAD Oxygen Analyzer provides:

- Fast and precise response
- Accuracy and reliability
- Long sensor life
- Easy one touch calibration
- User friendly controls
- 5 Year warranty (not including sensor)



**SCAN ME**

## FEATURES

NPFA 99 COMPLIANT  
MICROPROCESSOR BASED CONTROL  
ONE TOUCH CALIBRATION FEATURE  
DUAL ADJUSTABLE ALARM CONTACTS  
OPERATING RANGE: 0-25% or 0-100%  
ELECTROCHEMICAL SENSOR  
LARGE 4-DIGIT BACKLIT LCD DISPLAY  
AUDIBLE ALARM  
OPTIONAL FAIL SAFE  
DIGITAL FLOW METER W/ FLOW LIGHT ON PANEL

## ELECTRONICS

ALARM: SPDT, 1A @120 VAC  
OUTPUT: 0-5VDC or 4-20mA  
POWER: 120/220VAC/12-24V  
(50/60 Hz., 1W Max)  
DIGITAL OUTPUT: RS-232, RS-485  
DISPLAY: 4-Digit LCD, 0.5" High

## SPECIFICATIONS

O2 PERCENT SENSOR  
RANGE: 0-25% ,0-100% O2  
ACCURACY FULL SCALE: +/-1%  
REPEATABILITY: +/- 0.5%  
LINEARITY: 0.5%  
TEMPERATURE COEFFICIENT: 0.2% Signal / °C  
RESPONSE TIME: <15 secs.  
OPERATING TEMP: -4°F to +122°F  
OPERATING HUMIDITY: 0-99% RH (Non-Condensing)  
SENSOR LIFE: Up to 2 years  
CALIBRATION INTERVAL: Monthly

## SERIES 201T ANALYZERS

OEM – Model OA-221T  
5.75"Wx6.75"Hx2.4"D  
19" RACK MOUNT – Model OA-231T  
19"Wx5.25"Hx11.5"D  
PANEL MOUNT – Model OA-241T  
10"Wx5.25"Hx11.5"D  
NEMA 4 – Model OA-251TS

Weather Proof, Wall Mountable Enclosure Suitable  
for indoor or outdoor installations  
7.72"Wx7.72"Hx5.71"D  
OA-251TL LEGACY REPLACEMENT  
NEMA-7X – Model OA-271T  
Designed for flammable gas applications Suitable  
for other hazardous environments.  
8.37"Wx9.87"Hx6.53"D

Special configurations available to meet  
customer specific applications.

Also available in different Moisture and gas  
combinations including Carbon Dioxide and  
Oxygen

### SERVICES AVAILABLE

Calibration Service  
Technical Support  
Installation and Setup Support  
Maintenance Support  
Application Support  
Hardware Support  
Guaranteed Warranty

**nyadinc.**  
protecting our heroes one breathing air system at a time

1647 WILLOW PASS ROAD #509, CONCORD, CA 94520  
PHONE: (925) 270-3971 FAX: (888) 488-4719  
<http://www.nyad.com>