

## FEATURES

- Microprocessor based controller
- 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
- Flow Meter now included on panel

## 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

## 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

## SERIES 201T ONE TOUCH OXYGEN ANALYZERS



### OXYGEN ANALYZER SYSTEM WITH A NEW ONE TOUCH CALIBRATION FEATURE

## APPLICATIONS

*NYAD O2 Percent Analyzers  
The Technology You Can Trust*

- BREATHING AIR
- MEDICAL AIR
- CHEMICAL PROCESSING
- INDUSTRIAL GAS
- HEAT TREATING
- SEMICONDUCTORS
- AEROSPACE

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.

NYAD's One Touch calibration feature allows the user to easily perform periodic calibrations using certified span gas.

**nyad inc.**  
process gas analysis

# Features and Benefits

The Nyad Series 201T Analyzers are available in various configurations to meet customers 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 Sensor provides:

- Fast and precise response
- Accuracy and reliability
- Long sensor life
- Easy calibration
- User friendly controls

## Series 201T Analyzers

### **OEM – Model OA-221T**

*A compact unit for manufacturer OEM applications.  
5.75"Wx6.75"Hx2.4"D*

### **19" RACK MOUNT – Model OA-231T**

*Designed for applications where one or more instruments may be mounted into an existing control panel.  
19"Wx5.25"Hx11.5"D*

### **PANEL MOUNT – Model OA-241T**

*Ideally suitable for applications where panel size is critical in a cabinet.  
10"Wx5.25"Hx11.5"D*

### **NEMA 4 – Model OA-251T**

*Enclosed in a Nema-4 Weather Proof, Wall Mountable Enclosure. Suitable for indoor or outdoor installations.  
9.5"Wx6.25"Hx3.5"D*

### **NEMA-7X – Model OA-271T**

*Designed for flammable gas applications and suitable for other hazardous environments.  
8.37"Wx9.87"Hx6.53"D*

- Special configurations available to meet customer specific applications.
- Also available in our multi-channel analyzers.

#### SERVICES AVAILABLE

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

#### TECHNICAL SUPPORT, SALES AND CUSTOMER SERVICE

Contact: [sales@nyad.com](mailto:sales@nyad.com)

WEBSITE:

[www.nyad.com](http://www.nyad.com)

**nyad**inc.  
process gas analysis

1647 Willow Pass Road #509, Concord, CA 94520  
Phone: 925/270.3971 Fax: 888.488.4719 [www.nyad.com](http://www.nyad.com)