

FEATURES

- Microprocessor based controller
- One Touch Calibration Feature
- Dual Adjustable Alarm Contacts
- Operating Range: 0 to 5,000 ppm
- Infrared Sensor
- Large 4-digit Backlit LCD Display
- Audible Alarm
- Flow Meter now included on panel

SPECIFICATIONS

CO₂ SENSOR

- RANGE: 0-5,000 ppm
- ACCURACY: ± 30 ppm
 $\pm 3\%$ of measured value
- RESPONSE TIME: 20 sec
diffusion time
- OPERATING TEMP: -32 to +122 °F
- OPERATING HUMIDITY: 0-95% RH
(Non-Condensing)
- Sensitivity: ± 20 ppm
1% of measured value
- MAXIMUM INLET PRESSURE:
30 psig
- EXPECTED SENSOR LIFE: 15 yrs.
- CALIBRATION: 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 301T ONE TOUCH CARBON DIOXIDE ANALYZERS



CARBON DIOXIDE ANALYZER WITH ONE TOUCH CALIBRATION FEATURE

APPLICATIONS

*NYAD Carbon Dioxide Analyzers
The Technology You Can Trust!*

- BREATHING AIR
- MEDICAL AIR
- CHEMICAL PROCESSING
- INDUSTRIAL GAS
- HEAT TREATING
- PETROCHEMICAL
- NATURAL GAS
- BIOTECH
- INDOOR AIR QUALITY
- FOOD PROCESSING

The NYAD series 301T Carbon Dioxide Analyzer features a maintenance free infrared sensor. The sensor output is sent to our micro-processor based controller which then provides a digital display of Carbon Dioxide in the range of 0-5000 ppm. This analyzer 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.

nyadinc.
process gas analysis

Features and Benefits

The Nyad Series 301T 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 Carbon Dioxide Sensor provides:

- Fast and precise response
- Accuracy and reliability
- 15 year sensor life span
- Easy calibration
- User friendly controls

Series 301T Analyzers

OEM – Model COA-321T

A compact unit for manufacturer OEM applications.

5.75"Wx6.75"Hx2.4"D

19" RACK MOUNT – Model COA-331T

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 COA-341T

Ideally suitable for applications where panel size is critical in a cabinet.

10"Wx5.25"Hx11.5"D

NEMA 4 – Model COA-351T

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 COA-371T

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

WEBSITE:

www.nyad.com

nyadinc.
process gas analysis

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