

FEATURES

- Two Sensor Ranges
- Selectable Units:
 - Premium (H₂O) °C, °F, or PPM
 - Standard (H₂O) °C, °F, or Temp
- Direct Reading CO Concentration
- Active Pressure Correction
- Dual Adjustable Alarm Contacts
- Two Large 4-digit LCD Display
- Fast Response Time
- Non-Volatile Data Memory
- Fully Interchangeable Sensors
- Gas or Non-Conductive Liquid Samples

SPECIFICATIONS

MOISTURE PROBE

- TYPE: NYAD A.C.T., Series 50
- RANGE: Standard: -50°F to +68°F
-45°C to +20°C
Premium: -148°F to +68°F
-100°C to +20°C
(Dewpoint/Frostpoint)

- ACCURACY: ±2°C
- REPEATABILITY: ±.5°C
- OPERATING TEMP: -202°F to +158°F
- PRESSURE RATING: 2,000 psig
- CALIBRATION: NIST Traceable

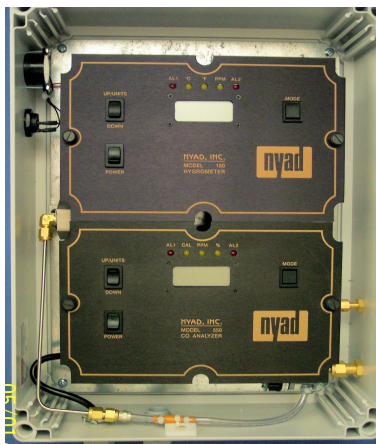
CARBON MONOXIDE

- RANGE: 0-2,000 ppmv
- RESPONSE TIME: 90% IN 30 SEC.
- SENSOR LIFE: Up to 2 years
- CALIBRATION: Monthly

ELECTRONICS

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

SERIES 600N MOISTURE/CARBON MONOXIDE ANALYZERS



MOISTURE AND CARBON MONOXIDE ANALYZER
SYSTEMS WITH STATE-OF-THE-ART FEATURES AND
FLEXIBILITY

The NYAD Series 600N Analyzers are designed to accurately and reliably measure both Moisture and Carbon Monoxide concentrations in breathing air or medical air supplies as well as provide alarms when safe levels are exceeded.

For the first time in one package, the Series 600N offers two independent analyzers with separate displays, outputs, and alarms.

The A.C.T. (Advanced Capacitive Transducer) moisture sensor uses state-of-the-art technology to produce a rugged, fast responding moisture sensor that is also designed to lower your costs by permitting sensor replacement without having to discard old probe bodies.

The A.C.T. Technology has a high specificity to moisture as well as dramatic improvements in its performance compared to other competitive versions. The A.C.T. Sensor is mounted on a probe containing digitizing electronics and calibration

data in electronic memory, this means all moisture probes are completely interchangeable.

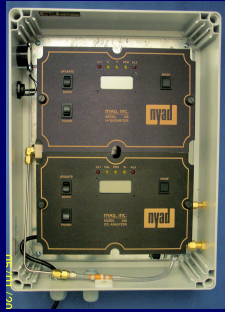
The Carbon Monoxide Analyzer features an advanced electrochemical sensor whose digitized output is sent to a microprocessor based analyzer which provides a digital display of Carbon Monoxide concentration, up to two software adjustable alarm contacts with visual and audible alarms and outputs that has user adjustable zero and span. In addition, an automatic calibration feature allows the user to easily perform periodic calibrations using certified span gases.

APPLICATIONS

*NYAD H₂O/CO Analyzers
The Technology You Can Trust!*

- NATURAL GAS
- COMPRESSED AIR
- MEDICAL AIR
- BREATHING AIR
- PHARMACEUTICAL
- PETROCHEMICAL
- AEROSPACE
- CLEAN ROOMS
- MILITARY
- WATER TREATMENTS

nyadinc.
process gas analysis



**NEMA-4
MODEL MCOA-652N**

Features and Benefits

NYAD, Inc. Moisture and Carbon Monoxide Analyzers are based on our proprietary capacitive moisture sensor technology. Our advanced sensor is coupled to a state-of-the-art, microprocessor controlled electronics module to produce one of the most effective trace moisture and carbon monoxide analyzers available today.

The performance of any analyzer derives from the capabilities of its sensor technology. The NYAD Moisture Sensor is a proprietary capacitive element that selectively adsorbs water vapor causing a change in its electrical characteristics. These moisture induced electrical parameters are then processed and converted to measurements of moisture content. The principle advantages of this sensor technology are:

- High specificity to moisture.
- Insensitivity to flow and pressure.
- Operable in gas or non-conductive liquid streams.
- Wide dynamic range (more than six orders of magnitude in concentration).

The NYAD Carbon Monoxide Sensor will ensure the highest level of detection with precise and accurate measurements.

The Nyad Carbon Monoxide Sensor provides:

- Fast and precise response
- Accuracy and reliability
- Longer sensor life span
- Easy calibration

Series 600N Analyzers

● NEMA 4 – Model MCOA-652N

*Enclosed in a Nema4 Weather Proof, Wall Mountable Enclosure. Suitable for indoor or outdoor installations.
11"Wx15"Hx5"D*

● Special configurations available to meet customer's specific applications.

The Nyad Carbon Monoxide Analyzers meet or exceed CGA Grade-D specifications for air quality as adopted by Federal OSHA. The Nyad Carbon Monoxide Analyzers' quality standards meet or exceed OSHA 1910.134 requirements. When the components are used in accordance with the manufacturer's instructions and recommendations, the "analyzer" meets or exceeds federal regulations presently in force. The carbon monoxide analyzer should be calibrated monthly and the carbon monoxide sensor shall be replaced every 2 years for accuracy in accordance to the manufacturer recommendation.

- 1) OSHA REGULATIONS (Standard-29 CFR) Respiratory Protection 1910.134
 - 2) 1910.134(i)(1)(ii)(C) Carbon monoxide (CO) content of 10 ppm or less
- Nyad Carbon Monoxide Analyzer detection range is 0-2,000 ppm and is equipped with alarms when safe levels are exceeded.



SERVICES AVAILABLE

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

TECHNICAL SUPPORT

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SALES

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