

SERIES 601T

ONE TOUCH DEWPOINT/ CARBON MONOXIDE ANALYZERS

FEATURES

- Two Sensor Ranges
- Selectable Units: °C, °F, PPM
- Direct Reading CO Concentration
- Active Pressure Correction
- Fail Safe (Optional)
- Dual Adjustable Alarm Contacts
- Two Large 4-digit Lighted LCD's
- Fast Response Time
- Non-Volatile Data Memory
- Gas or Non-Conductive Liquid Samples
- Flow Meter now included on panel

SPECIFICATIONS

DEWPOINT PROBE

- TYPE: NYAD A.C.T. Series 50 and 50R
- RANGE: Standard: -76°F to + 68°F
-60°C to +20°C
Premium: -148°F to + 68°F
-100°C to +20°C
(Dewpoint/Frostpoint)
- ACCURACY: ±2°C
- REPEATABILITY: ±0.5°C
- OPERATING TEMP: -202°F to +158°F
- 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/12V-24V
50/60 Hz., 1W Max
- DIGITAL OUTPUT: RS-232, RS-485
- DISPLAYS: Two 4-Digit LCD, 0.5" High



DEWPOINT/CARBON MONOXIDE ANALYZER WITH ONE TOUCH CALIBRATION FEATURE

APPLICATIONS

NYAD DP/CO Analyzers
The Technology You Can Trust!

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

The NYAD Series 601T Analyzers are designed to accurately and reliably measure both Dewpoint and Carbon Monoxide concentrations in breathing air or medical air supplies as well as provide alarms when safe levels are exceeded.

Now offered in a smaller package, the Series 601T offers two independent analyzers with separate displays, outputs, and alarms.

The dewpoint sensor uses state-of-the-art technology to produce a rugged, fast responding measurement that is also designed to lower the end user costs by permitting quicker, less costly calibration and sensor replacement.

The Series 601T Analyzers feature an advanced electrochemical sensor which has digitized output that is sent to a micro-processor based analyzer which provides a digital display of Carbon Monoxide concentration in PPM.

There are up to two software adjustable alarm contacts with visual and audible alarms and outputs that has user adjustable zero and span. In addition, our one touch calibration feature allows the user to easily perform periodic carbon monoxide calibrations using certified span gases.

Features and Benefits

The NYAD Series 601T will ensure the highest level of detection with precise and accurate measurements.

The advantages of NYAD Dewpoint Sensor technology are:

- High specificity to dewpoint.
- Insensitivity to flow and pressure.
- Operable in gas or non-conductive liquid streams.

The NYAD Carbon Monoxide Sensor provides:

- Fast and precise response
- Accuracy and Reliability
- Long sensor life
- Easy One Touch calibration

Series 601T Analyzers

NEMA 4 – Model MCOA-651T

Enclosed in a Nema4 Weather Proof, Wall Mountable Enclosure. Suitable for indoor or outdoor installations. 6.25"Wx9.5"Hx3.5"D

- Special configurations available to meet customer specific applications.
- Also available in different Moisture and gas combinations including Carbon Dioxide and Oxygen.

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 with the sensor 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, SALES AND CUSTOMER SERVICE

Contact: sales@nyad.com

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