

NYAD's A.C.T. (Advanced Capacitive Transducer) Premium moisture sensor uses a rugged, fast responding, trace moisture sensor that is also designed to lower costs by permitting sensor replacement without having to discard old probe bodies. The A.C.T. Sensor is mounted on a probe containing digitizing electronics and calibration data in electronic memory.

NYAD's standard range sensor also uses state of the art technology to lower costs by permitting quicker, less costly calibration and sensor replacement.

Both Premium and Standard range sensors are still completely interchangeable within their ranges.



APPLICATIONS

NATURAL GAS	MILITARY
MEDICAL AIR	BREATHING AIR
PHARMACEUTICAL	PETROCHEMICAL
AEROSPACE	CLEAN ROOMS
COMPRESSED AIR	WATER TREATMENTS
GLOVE BOX	REFINERIES

ADVANTAGES OF NYAD ANALYZERS

The NYAD Series 101T will ensure the highest level of detection with precise and accurate measurements.

The advantages of NYAD Dewpoint Sensor technology are:

- High specificity to moisture
- Insensitivity to flow and pressure
- Operable in gas or non-conductive liquid streams
- Fast and precise response
- Accuracy and Reliability
- 5 Year warranty (not including sensor)



SCAN ME

FEATURES

TWO SENSOR RANGES
SELECTABLE UNITS: °C, °F, or PPM
HIGH PRESSURE RATING (optional)
ACTIVE PRESSURE CORRECTION
REMOTE SENSOR -up to 1,000 ft (premium)
DUAL ADJUSTABLE ALARM CONTACTS
LARGE 4-DIGIT BACKLIT LCD DISPLAY
NON-VOLATILE DATA MEMORY
FAST RESPONSE TIME
DIGITAL FLOW METER W/ FLOW LIGHT ON PANEL
FOR INTERNALLY MOUNTED SENSOR

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

MOISTURE PROBE
TYPE: NYAD A.C.T., Series 50 and 50R
RANGE: Standard: -58°F to +68°F
-50°C to +20°C
Premium: -148°F to +68°F -
-100°C to +20°C
ACCURACY: ±2°C
REPEATABILITY: ±0.5°C
OPERATING TEMP: -202°F to +158°F
PRESSURE RATING: 2,000 psig Available High
Pressure Rating: 7,000 psig
CALIBRATION: NIST Traceable

nyadinc.

protecting our heroes one breathing air system at a time

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SERIES 101T ANALYZERS

OEM – Model MA-121T

5.75"Wx6.75"Hx2.4"D 19"

RACK MOUNT – Model MA-131T

19"Wx5.25"Hx11.5"D

PANEL MOUNT – Model MA-141T

10"Wx5.25"Hx11.5"D

NEMA 4 – Model MA-151TS

Weather Proof, Wall Mountable Enclosure

Suitable for indoor/outdoor installation

7.72"Wx7.72"Hx5.71"D

MA-151TL LEGACY REPLACEMENT

PORTABLE – Model MA-161T

8 hour, 12V battery pack

8.5"Wx3"Hx9.25"D

NEMA-7X – Model MA-171T

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