

SERIES 801T ONE TOUCH HYDROGEN SULFIDE ANALYZERS

FEATURES

- Microprocessor based controller
- One Touch Calibration Feature
- Dual Adjustable Alarm Contacts
- Operating Range: 0 to 250 ppm H₂S
- Electrochemical Sensor
- Large 4-digit Backlit LCD Display
- Optional Fail Safe
- Flow Meter now included on panel

SPECIFICATIONS

H₂S SENSOR

- RANGE: 0-250 ppmv
In air or inert gas
- SENSOR LIFE: Up to 2 years
- SENSITIVITY: ±5%
- RESPONSE TIME: <35 sec @ 20°C
- RESOLUTION: .25 PPM
- OPERATING TEMP: -20°C to +50°C
- OPERATING HUMIDITY: 15-90% RH
(Non-Condensing)
- SAMPLE FLOW: 100 to 250 cc/min
(Recommended)
- 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
- DISPLAY: 4-Digit LCD, 0.5" High



HYDROGEN SULFIDE ANALYZER WITH ONE TOUCH CALIBRATION FEATURE

APPLICATIONS

*NYAD Hydrogen Sulfide Analyzers
The Technology You Can Trust!*

- BREATHING AIR
- MEDICAL AIR
- HYPERBARIC CHAMBERS
- BIOTECH
- MOBILE AIR TRUCKS
- FIRE DEPARTMENTS
- SCUBA
- MILITARY

The NYAD Series 801T Hydrogen Sulfide Analyzers are designed to accurately and continuously monitor the Hydrogen Sulfide content of high pressure breathing air or medical air supplies and provide an alarm when safe levels are exceeded.

The Series 801T 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 Hydrogen Sulfide concentration in PPM.

The 801T Analyzers feature two adjustable alarm contacts with visual and audible alarm capabilities, 0-5VDC or 4-20mA output that has user adjustable zero and span.

The Series 801T also includes a one touch calibration feature that allows the user to easily perform periodic calibrations using certified span gases.

Features and Benefits

The NYAD Series 801T Analyzers are available in various configurations to meet customer specific applications, ranging from OEM 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 Hydrogen Sulfide Sensor provides:

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

Series 801T Analyzers

OEM – Model H2SA-821T

A compact unit for manufacturer OEM applications.

5.75"Wx6.75"Hx2.4"D

19" RACK MOUNT – Model H2SA-831T

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 H2SA-841T

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

10"Wx5.25"Hx11.5"D

NEMA 4 – Model H2SA-851T

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 H2SA-871T

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