

TEXAS ANALYTICAL CONTROLS, INC.

H₂S PROCESS ANALYZER

XLE/302/111

H₂S MONITORING MADE SIMPLE

Choose Texas Analytical Controls for
Reliable, Economical H₂S Monitoring

With two H₂S sensors, the TAC analyzer is your first choice for reliable H₂S monitoring in the field. If the output of one sensor fails, you can easily disable it. The analyzer will continue to operate reliably, assuring you of consistent H₂S monitoring over time.

EASY TO OPERATE AND MAINTAIN

The TAC monitor outshines the competition when it comes to ease of operation and maintenance. The analyzer uses a logic controller with 10 function keys, enabling you to navigate easily among screens and make set-point changes in the field.

Sensors typically last a full year and can be changed in just a few minutes.

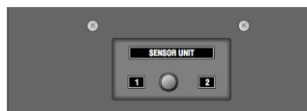
Calibration is simple and can be done in less than six minutes. Calibration can be set to occur automatically, reducing the time required in the field, or can be performed manually.

FULL TECHNICAL SUPPORT

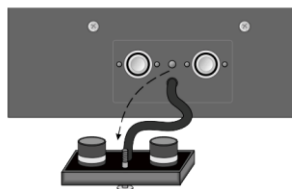
You will find the analyzers are easy to maintain. Technical support is available via phone or in person by one of our service technicians.



FEATURES OF THE XLE/302/111



SENSOR UNIT COVER SECURED IN PLACE



SENSOR UNIT COVER DETACHED

Front Loading Sensor

Enables operator to change sensors by removing a single thumbscrew



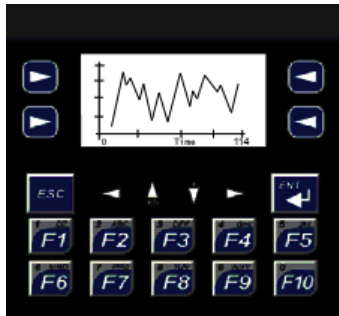
Sensor Weak Alert

An alert shows when the H₂S sensors are 75% used



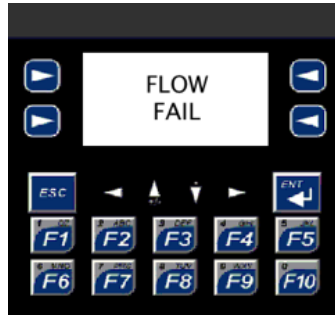
Bump Test

A bump test can be performed to verify readings without removing the sample line



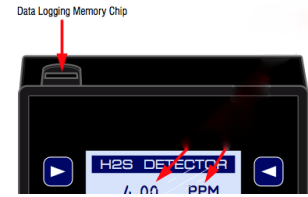
Historical Trend

Displays Historical Trend of H2S Readings for the previous hour



Flow Fail Alarm Alert

An alert is displayed if the regulators or the flow meter are not working correctly and the sample to the analyzer is obstructed



Data Backup

The SD memory card is used to store Historical Calibration and Alarm Data

SPECIFICATIONS OF THE XLE/302/111

Range: PPM and % Ranges Available (Customer to specify a range)

Sensor: Electro-chemical (Estimated life: 1 year)

Automatic Calibration: Solenoid valve enables you to set up automatic calibration at a specific date and time. An LED indicator on the front panel shows when the analyzer is in calibration mode.

Communications Output: 4-20mA Self-powered, 4-20mA Loop-powered, 1-5 VDC, Modbus via RTU, or TCP/IP

Power Input: 110/220 VAC, 12VDC, or 24 VDC

Sample Input Pressure: Inlet 10 +/-2 PSIG

Response Time: <60 Seconds

Instrument Accuracy: +/-5 percent of the full scale

Instrument Repeatability: +/-2 percent

Current Draw: < 1A

Operating Temperature: 0°F-120°F

Shut-In Valve: Pneumatic solenoid valve or relays to control customer's slammer valve

Alarm set points field adjustable customer to choose Non-latching or Latching

Alarm Delay: Customer to set between 0-90 minutes

Red LED indicator: for Calibration Mode

Blue LED indicator: for Active Relay or Shut In Valve

Enclosures:

NEMA 4X powder coated (Dimensions: 12" x 10" x 6" Weight: 20 pounds)

Explosion proof, suitable for Class 1, Division 1, Groups B, C, and D (Dimensions: 18" x 16" x 12" Weight: 45 pounds)

HOW TO CALIBRATE OUR H2S ANALYZER

<https://www.youtube.com/watch?v=4xxKXXmwf8&t>

Celebrating 45 Years

H2S QUICK CHECK

VISIT OUR WEBSITE
FOR

MORE INFORMATION
WWW.TAC-CONTROLS.COM



OPTIONAL SUNSHADE
MAY BE PURCHASED
TO PROTECT THE ANALYZER
FROM THE OUTDOOR ELEMENTS



H2S H2O O2
ANALYZER