

H₂S PROCESS ANALYZER

TAC STAR's wireless communication provides a Call Out notifying when a Shut-In has occurred and then brings the analyzer back online when the gas is sweet.

TAC STAR's wireless communication enables operators to perform the following functions from their computer stations without ever having to go into the field:

- Calibration
- Monitoring
- Diagnostics
- Programming

Features and Specifications:

Range:	PPB, PPM, %
Display:	Alarms Status
Communication:	Serial Port (RS 232) Modbus RTU Master/Slave 4-20mA Output
Instrument Accuracy:	+/- 5% Full Scale
Repeatability:	+/- 2%
Calibration Source:	Cylinder Gas provided
Input Pressure:	3-5 PSIG
Sensor Takeout:	Annual Sensor Change
Response Time:	0-10 PPM: Less than 30 Seconds 0-20 PPM: Less than 60 Seconds
Options:	Solar Powered Explosion Proof - Class 1, Division 1 Division 2 Rated

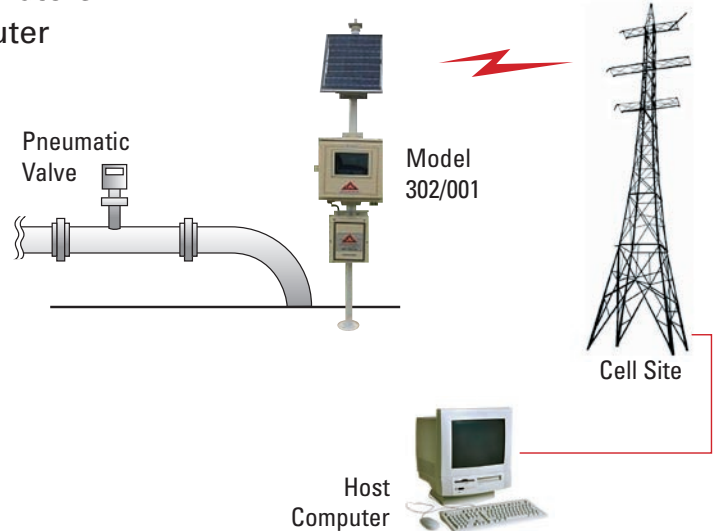
F1 - Normal Operating Mode
Display PPM, %, GR.

F2 - 24 Hour Historical Data
Analyzer's readings for past 24 hours

F3 - Alarm Data
Time and date of shut-in

F5 - Calibration Setup
Calibrate to any schedule;
weekly, monthly, annually, etc.

F9 - Detector Outputs
Alarm Setpoints, 4-20mA



With the TAC Program, **TAC STAR**; the Model 302/001 H₂S analyzer can be controlled from anywhere in the world!

Principle of Operation:

Communication:

TAC STAR uses a cell modem or land-line to establish communication between the PC and the analyzer.

Sensor:

The Model 302/001 uses three H₂S Sensors which secure the analyzer. If at any time a sensor's output is not sufficient, the analyzer automatically removes it from the circuit and continues to function with the alternate sensors. This particular feature provides the operator with the reliability and accuracy of three analyzers in one, uniquely offered by TAC.



Texas Analytical Controls, Inc.

www.tac-controls.com

4418 Bluebonnet Drive,
Stafford, Texas 77477

Tel 281.240.4160
Fax 281.240.4166