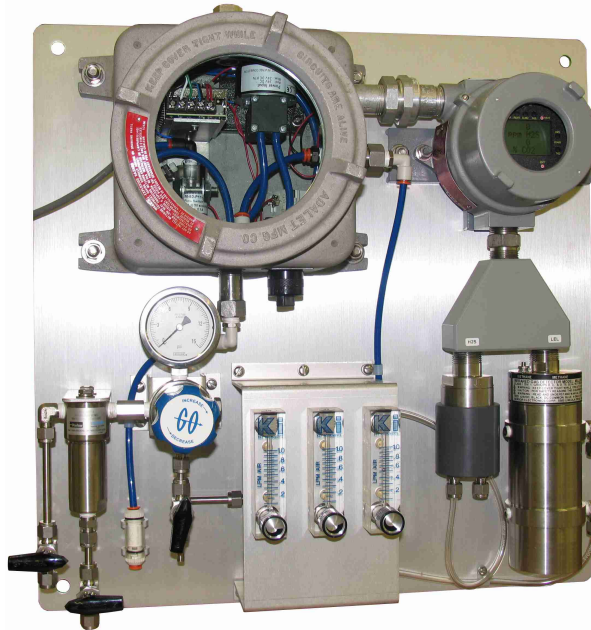


## MONITOR FEATURES:

- Available in Toxic, LEL, and dual Toxic/LEL models. LEL channel also accepts 4-20mA by ordering model ST-48EC-I monitor.
- Div 1 & Div 2 hazardous area enclosures available.
- “Smart” sensor interface allows calibration data, sensor type, range and many other variables be stored inside the sensor head. New, or recently calibrated sensors are automatically recognized.
- Allows "one man" sensor calibration in hazardous areas without area declassification.
- Requires only a simple magnetic wand. No other special electronic devices are needed.
- LCD readout is .6” engineering units and graphically as a 30-minute trend or bar-graph.
- Five front panel alarm LED indicators for A1 , A2 , Fail, IN CAL & RS-485 are standard.
- Available option includes a combined 5 amp form "C" HIGH - WARN - FAULT alarm contacts and RS-485 Modbus® interface.
- 4-20mA output sends constant "In Cal" signal during calibrations.
- User programmable "Power-Up" & "Post Cal" Delay Modes lock output at zero to allow sensor stabilization and prevent erroneous alarm trips.
- Standard "Fault Supervision" circuitry continuously monitors for failed sensor. 4-20mA output transmits low mA during failures.
- Security mode allows locking of critical parameters.
- The NEMA 7 enclosure also available in stainless-steel.



System shown is two channels for H<sub>2</sub>S and CO<sub>2</sub> with Div 1 area rating.

R. C. Systems Co. Inc. provides Pipeline gas sampling systems for carbon dioxide, combustible and toxic gases. H<sub>2</sub>S monitoring is offered using either solid state MOS or electrochemical sensor technologies. Note: Methanol H<sub>2</sub>S scrubbers are harmful to electrochemical sensors and require MOS sensors. H<sub>2</sub>S ranges include 0-25, 0-200 and 0-1000 ppm. Enclosures are available from NEMA 1 general purpose through NEMA 7 explosion proof. Integrated gas sample conditioning may be included as required per each installation.

Our ST-48 or ST-90 monitors with graphic readouts, clock/calendar, RS-485 Modbus, alarm relays, event logging and much more are supplied as the heart of each analyzer system.

Our ST-80 Six Stream Sequencer is also offered with stream selection manifolds built to comply to customer specifications.