Monitoring for hydrogen sulfide in natural gas just got easier. Sensidyne, Inc. announces two new detector tubes for monitoring for hydrogen sulfide (H₂S) in natural gas. The tubes are direct reading with a printed scale in grains of H₂S per 100 cubic feet of gas. There are no more charts or graphs to deal with. The tube reading can be entered directly onto the field data sheet.

Hydrogen sulfide occurs naturally in natural gas wells, and it must be removed to meet gas quality standards and to control equipment corrosion. The level of H₂S is monitored at the outlet side of the H₂S removal process to assure that the H₂S has been controlled to some allowable level. Detector tubes are ideal for this measurement due to their low cost, ease of use and intrinsically safe operation.

**Low Range H₂S Tube No. 120GT**
Detector tube No. 120GT has a measuring range of 0.25 to 2.0 grains/100CF at one pump stroke or 0.5 to 4.0 grains/100CF at 1/2 stroke (Scale x 2). The color change is from white to pale brown and it has no interference from mercaptans, dimethyl sulfide or dimethyl disulfide. It has a shelf life of two years.

**Ultra Low Range H₂S Tube No. 120GR**
An even lower range tube is also available. Tube 120GR has a measuring range of 0.025 to 0.2 grains/100CF at one pump stroke and 0.05 to 0.4 grains/100CF at 1/2 stroke (Scale x 2). The color change is from pale yellow to pink, and it also has a shelf life of two years.

The tubes are designed for use with the Sensidyne/Kitagawa Model AP-1S precision piston pump that comes from Sensidyne with a lifetime warranty. The system is expandable with direct reading detector tubes available for nearly 300 additional applications including mercaptans, carbon dioxide and water vapor dew point, the latter being scaled directly in pounds of water per million cubic feet of gas. Detector tubes are also available for H₂S in higher ranges, up to 40% by volume.

**Technical Questions?**
**Contact our Answer Center at**
800-451-9444, ext 782