



Advantages of Colorimetric Method Analyzers for H₂S & Sulfur Measurement

The most cost effective & accurate ASTM approved analyzer available

1. **Specific only to H₂S** -No known interferences proven by thousands of world wide applications.
2. Only requires **2 to 4 tape changes per year** typical on standard 100' foot tape roll.
3. Conformity to **ASTM analytical methods** D4084-82, D4468-85, and D4045-81.
4. **Automatic self-zero.** The ASI H₂S analyzer does not suffer from a 'zero drift' as seen in other analyzers thus eliminating zero gas requirements.
5. **Versatile** - The analyzer will not suffer in the event of process changes no matter how drastic.
6. **Wide Range Ability** - The analyzer is capable of measuring from the low **PPB** levels, thru PPM up to 100% saturation.
7. Analyzer **holds calibration long term.**
8. **Linear Response.** The tape darkening is proportional to H₂S concentration so the response is fully linear.
9. Dual processors for both communication and analysis allows for essentially **100% continuous analysis time.** Other analyzers with only one processor cannot continually analyze and communicate simultaneously which lags the response time.
10. The humidifier assembly in the ASI H₂S analyzer has **no dead volume** which results in **faster response & no absorption of H₂S.** In addition, the humidification membrane eliminates the possibility of liquid carry over.
11. 24-bit AD converter equals **less tape consumption, faster response & lower range ability.**
12. Direct read display--no codes to memorize or characters to refer to.
13. **Easily return the analyzer to Factory Calibration** by choosing this option in the electronic menu of the analyzer.
14. Automatic calibration (No Attendant Required)

(281) 516-3950 FAX (281) 351-8925

Sales@kecosystems.com or Service@kecosystems.com

www.kecosystems.com