



Tape Analyzer material changes

This service bulletin is to inform customers of changes made to materials incorporated in the assembly of our 801 and 902 analyzers. These changes do not affect any aspect of the assembly process of the analyzers, but were made to improve the functionality and quality of its operation.

Subject: 801/902 model hydrogen sulphide analyzer sensor assemblies

Date:

Description: This technical note is intended to provide technical background information on the new sensor assemblies SA013711 (902 Sensor) & SA04661 (801 Sensor). These sensors can be identified by the circuit boards having all surface-mount components and the small calibration push button in the upper right corner when installed.

Background: The sensors LED light output would degrade over time and therefore require replacing in approximately 2 years. Sensors degrading prior the 2 year period are covered under warranty and replaced by Galvanic.

The sensors have been changed to provide the following advantages:

1. Automatic zero and span adjustment on initial power up.
2. User initiated push button zero and span.
3. Electronic stabilization of LED light output over time and temperature.
4. Serial data output, allows Galvanic to document zero and span at manufacture and service.
5. Closer matching of span and zero operating point between sensor blocks.