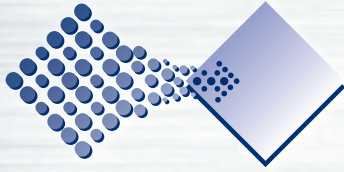


H₂S Gas Scrubber



Custom Sensors & Technology offers an efficient H₂S Scrubber for analysis packages when monitoring oxygen in natural gas streams from well heads. The new scrubber will selectively remove H₂S from gas streams without impacting the oxygen concentration and will indicate its useful life through a simple one step color conversion. Depending on the size of the scrubber supplied the scrubber is useful in removing large volumes of H₂S gas over a wide range of concentrations. Additionally the scrubber is disposable and/or can be recycled.

H₂S Scrubbers

Scrubber Lifetime



P/N 2401-15, H₂S Scrubber

Scrubber lifetime is a function of the flow rate of the sample, the concentration of the H₂S, and the volume of the scrubber canister supplied. Typical continuous use lifetimes for a 200 gram scrubber with 100 cc/min flow and a 1% H₂S concentration is approximately one month. Examples of other operating schemes can be supplied by consulting with the factory.

H₂S Scrubber Applications

- * Natural Gas Pipelines
- * Reduction of corrosive atmospheres
- * Wellheads
- * Booster Stations
- * Pre-scrubbing of H₂S laden air

Specifications, H₂S Scrubber, P/N 2401-15

Inlet and outlet connections	1/4" SS tube fittings
Overall dimensions	2" x 15" (WxH). Other sizes are available to suit stream conditions
Pressure	30psig max
Temperature	130°F
Selectivity	Specific to H ₂ S, does not affect oxygen or other components in the stream

Notes;

- 1) Sample must be dry and free of any condensable water
- 2) The scrubber housing is made of a clear polymer material allowing a clear view of the contents.
- 3) Typically used to prepare a gas stream when hydrogen sulfide concentrations interfere with oxygen analysis or zero gas generation for H₂S transmitters.

Custom Sensors & Technology is a full service provider. We also supply photometric transmitters, fiber optic probes & flow cells, O₂ transmitters, sample handling systems, and services including: application engineering, commissioning & start-ups, product validation, factory acceptance testing, process stream GAP Analysis, and in-house repair.

Custom Sensors & Technology is a manufacturer of process photometric and electrochemical based process transmitters