

# BUBBLE SCRUBBER

PRODUCT DATA SHEET-106

## Continuous acid removal—for use with Neutronics Process Gas Sampling Systems

### FEATURES

- Continuously removes soluble contaminants and corrosives
- Available in entirely corrosion resistant materials (Kynar or Stainless Steel)
- Does not require a continuous supply of scrubbing liquid

### INTRODUCTION

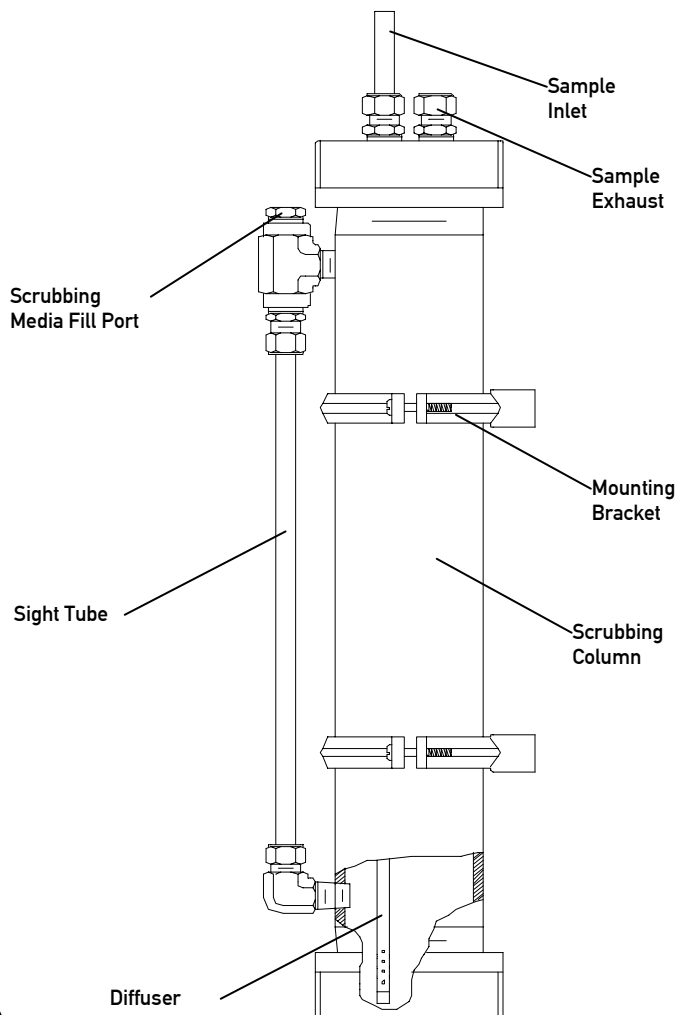
The Neutronics Bubble Scrubber is a pre-conditioning component used in addition to a standard Neutronics Sample Conditioning Package to assure analyzer reliability. The Bubble Scrubber removes soluble liquids or gasses that may corrode, clog or coat the sensor or sample conditioning package components.

### OPERATION

Sample gas enters the top of the Bubble Scrubber and is bubbled through the liquid scrubbing media via the entry tube. The scrubbing media absorbs the contaminant from the sample gas which then exits through the exhaust port to the sample package.

### INSTALLATION

The Bubble Scrubber is a vertically mounted cylinder installed in the sample line between the process vessel and the Neutronics Sample Conditioning Package. Sample tube runs should be of solvent resistant material to protect against corrosion. Care should be taken to ensure that the scrubbing media can be routinely changed (typically a quarterly routine, depending on the application) when it becomes saturated or evaporates.



### SPECIFICATIONS

MATERIALS	Available in Stainless Steel, or Kynar/Teflon
REFERENCE DRAWING	SP-C-1013
SCRUBBING MEDIA	Water, or other neutralizing liquid required by the application



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