

# TEXAS SAMPLING, INCORPORATED

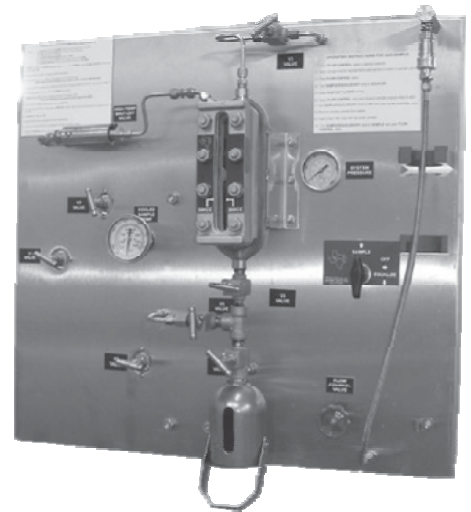
Certified System  
ISO 9001  
QMS-SAI Global

## Dual Phase Reactor Effluent Sampling

The Dual Phase Reactor Effluent Sampling system has been designed for the collection of Liquid and/or Gas samples throughout the Hydro-cracking and Hydro-treating process. The lab is testing for the amount of Hydrogen in the sample. The ability to sample this difficult application has a tremendous cost savings advantage to the customer by reducing the amount of costly Hydrogen used.

### Features

- Reduces sample temperature to condense gases and lower pressure
- Separation of Gas and Liquid occurs in a 1 liter separation vessel with sightglass
- Liquid sample is collected in Bottles protected by a Stainless Shroud
- Gas Sample is collected in Cylinders secured in place with special saddles
- Pressures/Temperature ratings up to 1800 psig and temperatures up to 650deg F
- Collect samples at low pressure (less than 150 PSIG)
- Allows for the collection of Gas and Liquid samples separately
- Visual indication of condensed Liquid
- Eliminates operator exposure during sampling operation
- Easy to read operation instructions on panel
- Field Proven Design
- TSI has been designing and manufacturing sample systems since 1991.



### Options

- Addition of detector tube sample point to monitor H<sub>2</sub>S
- Monel, Inconel, and Hastelloy C available upon request
- Mounted on a dolly for portability



TEXAS SAMPLING INCORPORATED

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