



# Mustang Sampling

Represented by Valtronics Inc.



## Mustang® Sample Conditioning System (MSCS)

- ◆ Patented technology utilizing existing power supplied by heat trace sample tubing. Class 1, Group D, Div 1 locations.
- ◆ Maintains a gas sample at least 30°F above the expected hydrocarbon dew point. Conforms to API 14.1 guidelines.



## Pony® Heated Sample Probe Enclosure

- ◆ Integral part of Mustang® Sample Conditioning system (MSCS) for remote mounting between 6" center-to-center thread-o-lets.
- ◆ Maintains heat for the sample probe directly at the sample point. Patented design powered from heat trace sample tube bundle.



## Certicollar™ Mounting Brackets

- ◆ Fits over various types of probes and probe regulators aiding in mounting the enclosure onto the pipeline.



## Mustang® Heated Regulator (MHR)

- ◆ Heat gas sample to a customer specified temperature and pressure set point.
- ◆ Liquid condensation from a single-stage pressure reduction is prevented through a two-stage heating process.



## Mustang® Joule-Thomson Heated Regulator (MJTHR)

- ◆ Four-stage pressure regulator compensates for Joule Thomson cooling during sample extraction.
- ◆ Ratio controlled multi-piston design, first three stages are always functional, even with fluctuations to inlet pressure.



## Mustang® Portable Heated Sampling System (Model 1)

- ◆ Installs into a pressurized pipeline to extract, preheat, and regulate a gas sample with a (MHR) prior to reaching a portable analyzer.

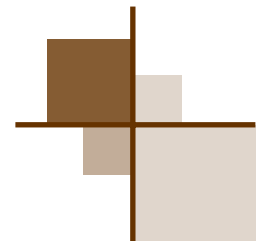


**Mustang Sampling**

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## Mustang® Portable Heated Sampling System (Model 2)

- ◆ Installs into a pressurized pipeline, extracting and regulating a gas sample with a Mustang® Joule Thomson Regulator (MJTR), prior to reaching a portable analyzer.



## Mustang® Intelligent Vaporizer Sampling System™ (Model 1)

- ◆ A patented design to vaporize liquid providing a fresh sample to a continuous online analyzer.
- ◆ 4 stage design to enhance sample quality through a controlled vaporization and remixing process.
- ◆ Multipath design (Model 1) achieves redundancy in critical areas such as loading and unloading of ships.



## Mustang® Intelligent Vaporizer Sampling System™ (Model 2)

- ◆ A patented design to vaporize liquid providing a fresh sample to a continuous online analyzer.
- ◆ 4 stage design to enhance sample quality through a controlled vaporization and remixing process.
- ◆ Single-path design (Model 2) is suitable for areas such as storage and transfer where redundancy is not a concern.



## Mustang® Intelligent Vaporizer, Soft View™ Monitor

- ◆ Program to monitor and control vaporizer temperature, pressure and flow rates, and their effects on the GC analysis.
- ◆ Windows 2000 or XP compatible.



## Mustang® Certiprobe™ Sample Extractor

- ◆ Designed to be the initial access point for pipeline pressure vessels in LNG, LPG, or other process sampling.
- ◆ Fabricated to meet the certification of ANSI B31.3-2004, NDE, and DPI.



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Locally Represented By:

