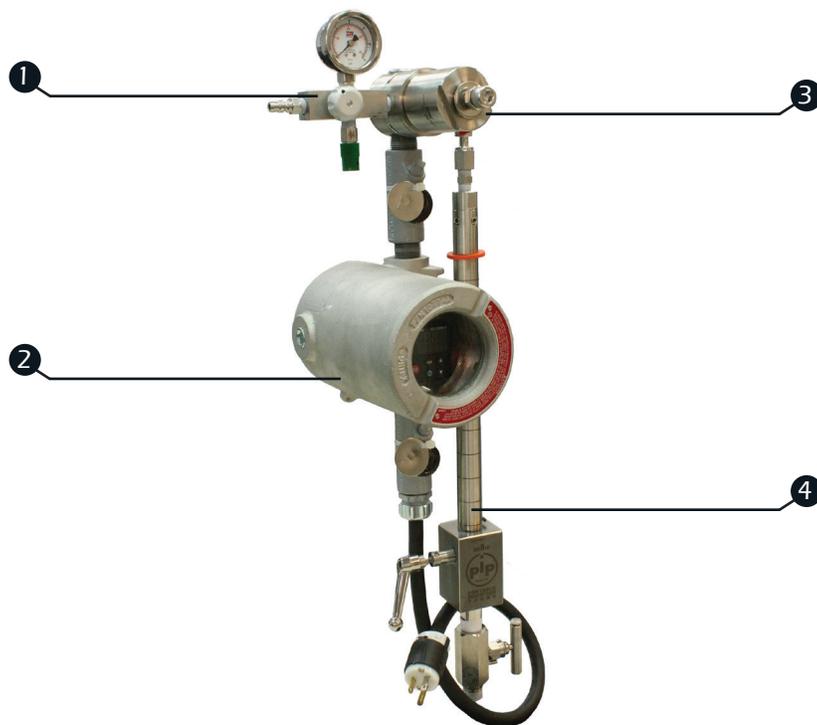




Mustang Sampling[®]

Mustang[®] Portable Heated Sample Conditioning System

Item Number	Description
1	Outlet Isolation Valve
2	PID Temperature Controller
3	Mustang [®] Regulator
4	Portable Insertion Probe



APPLICATION

The Mustang Portable Heated Sample Conditioning System is designed for spot or portable gas sampling. System installs into a pressurized pipeline through a 1/2" or 3/4" full opening valve without the use of a special insertion device. The adjustable length probe is ideally suited for use with a portable analyzer or when spot sampling is being performed. The tip of the probe is protected from inline contaminants by a shroud.

The Mustang Portable Heated Sample Conditioning system has the means to separate entrained liquid aerosols and droplets of the source gas. Separating liquids in this manner avoids changes in the gas phase composition and complies with current natural gas industry standards and preserves the sample's integrity from the extraction point to the analyzer.



Natural Gas

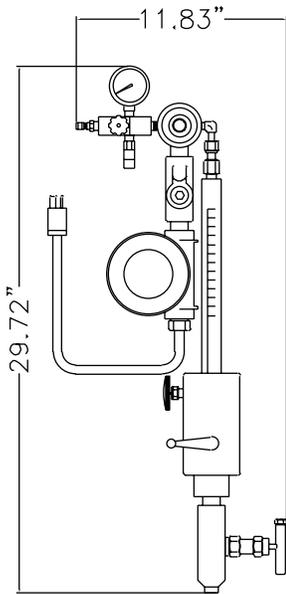
FEATURES

- Single-stage Mustang[®] Heated Regulator (MHR[®]) or multi-stage Mustang[®] Joule-Thomson Heated Regulator (MJTHR[®])
- Portable insertion probe (PIP)
- Quick disconnects
- Pressure gauge
- Outlet isolation valve
- Low volume manifold
- Relief Valve
- 10' PTFE ss hose assembly w/ quick disconnects
- Quick disconnect union between regulator and probe

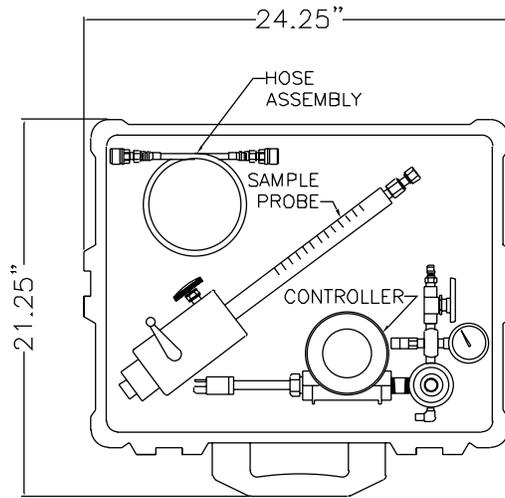
BENEFITS

- Analysis at sample point
- Compact and portable pelican carry case
- Low power requirements
- Helps preserve gas sample integrity
- Thermal insulation with optional removable/reusable flexible insulation cover

PRODUCT DIMENSIONS



Assembled Front View



Portable Carrying Case

Analytically Accurate®
TECHNOLOGY

PRODUCT SPECIFICATIONS

Probe Insertion Depth	0" to 11"
Maximum Recommended Flow Rate	5 L/min
Electrical Enclosure Classification	Class 1, Division 1 & 2, Group B, C, D
Installation Valve Requirement (customer supplied)	1/2" or 3/4" NPT
Wetted Materials	316 SS/NACE Compliant
Regulator	MHR ® Single Stage Regulator MJTHR ® Multi-Stage Regulator
Input Supply Voltage Options	120 VAC, 200 Watts, 50/60 Hz, ± 10% 208 VAC, 200 Watts, 50/60 Hz, ± 10% 230 VAC, 200 Watts, 50/60 Hz, ± 10% 24 VDC, 140 Watts

Use the bold alpha-numeric characters from the table above to build your model number:

MPHSS - -
 Regulator Input Supply Voltage

About Mustang Sampling

Mustang Sampling, LLC is the innovator of Analytically Accurate® solutions within sample conditioning systems. We provide custom solutions of products and services globally to the Natural Gas, Natural Gas Liquids (NGL), and Liquefied Natural Gas (LNG) industries. Mustang Sampling continues to pioneer integrated control systems, allowing our customers to maintain phase stability from sample extraction at the source through sample analysis. Our products are continuously improved and subjected to the highest quality standards which provides our customers with the best sample conditioning solutions.

Mustang Sampling, LLC
 43 Ritmore Glen
 Ravenswood, WV 26164
 P: +1 304 273 5357
 F: +1 304 273 2531

info@MustangSampling.com
 www.MustangSampling.com

Copyright © 2017-2019 Mustang Sampling.
 All rights reserved.
 Mustang Sampling®, Mustang®, MHR®, MJTHR® and Analytically Accurate® are registered trademarks of Mustang Sampling, LLC.

No part of this publication may be reproduced in any material form without the written permission of Mustang Sampling, LLC.

MS-CSMPHSS.v4-EN-P September 2019
 Supersedes: MS-CSMPHSS.v3-EN-P