

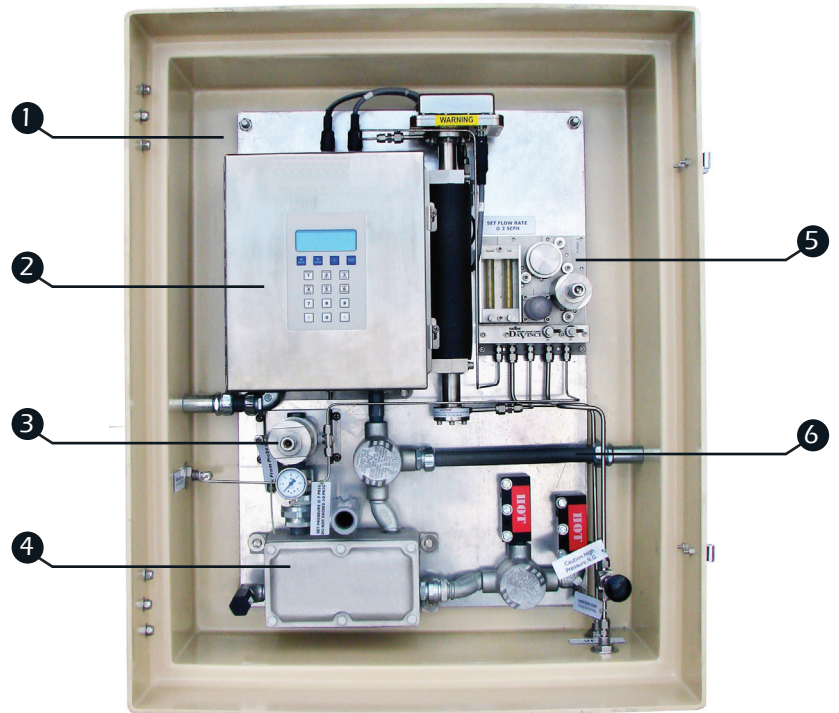
MMAS™

Mustang® Moisture Analyzer System



Mustang Sampling®

Item Number	Description
1	Insulated Enclosure
2	Moisture Analyzer
3	Mustang® Heated Regulator
4	PID Temperature Controller
5	Mustang® Modular Sample Control Panel
6	Heat Trace Tube Bundle



APPLICATION

The Mustang Moisture Analyzer System (MMAS™) is the Analytically Accurate® solution for Moisture analysis in Natural Gas Pipelines. The MMAS is a complete package that combines the elements of a Mustang Sample Conditioning System with a close-coupled analyzer in a single cabinet.

The Mustang Moisture Analyzer System can be paired with the Pony® Heated Probe Enclosure on a Natural Gas Pipeline to properly measure moisture content.



Natural Gas

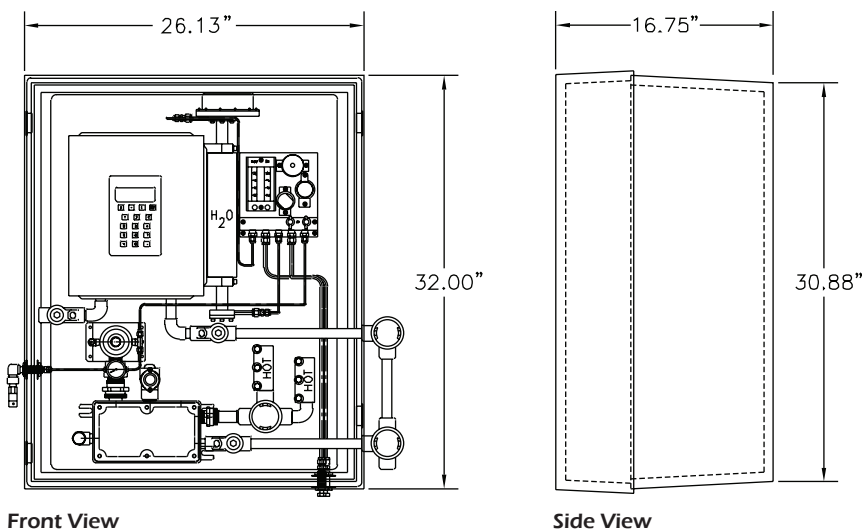
FEATURES

- Patented technology utilizing existing power supplied by heat trace tube bundle
- Designed to Class 1, Division 2, Group D - analyzer classification determines final rating
- Integral moisture analyzer
- Integral Mustang® Modular Sample Control Panel (MMSCP®)
- NEMA 4X Enclosure

BENEFITS

- Requires no external power or natural gas for proper operation
- Couples with Mustang Pony® Heated Probe Enclosure
- All-in-one compact design
- Easy maintenance

PRODUCT DIMENSIONS



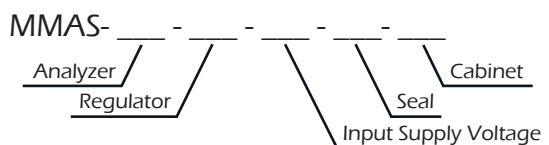
Front View

Side View

PRODUCT SPECIFICATIONS

Maximum Allowable Operating Pressure	Mustang® P53® Sample Conditioning System 3750 psig (259 bar) at 60°F (16°C)
	MHR™ Single-Stage Regulator 3750 psig (258 bar)
	MJTHR™ Multi-Stage Regulator 6000 psig (414 bar)
	MMSCP® 200 psig (14 bar)
Maintains Sample Gas	Standard set point at 120°F (49°C) Adjustable from 60°F to 400°F (16°C to 204°C)
Cabinet Sample Volume	0.51 cu. in.
Wetted Parts	Machined parts: 316 stainless steel/NACE compliant All other metal parts: stainless steel/NACE compliant
Moisture Analyzer Options	S pectraSensors A metek Z egaz G E Moisture IQ Analyzer
Regulator Options	M HR Single-Stage Regulator M JTHR Multi-Stage Regulator
Input Supply Voltage Options	115 VAC 240 VAC 24 VDC
Seal Options	V iton® J W Other materials available upon request
Cabinet Construction Options	G RP Glass Fiber Reinforced Polyester S S Stainless Steel

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



Analytically Accurate® TECHNOLOGY

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.

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