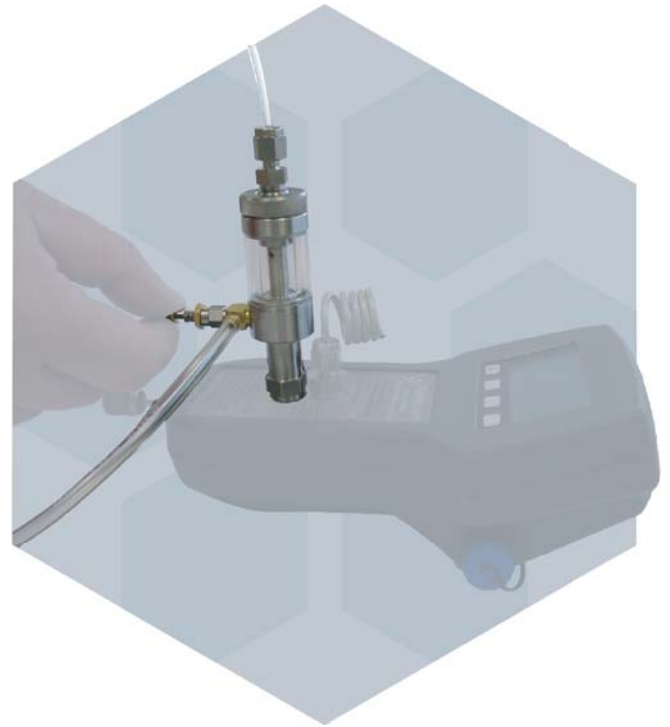
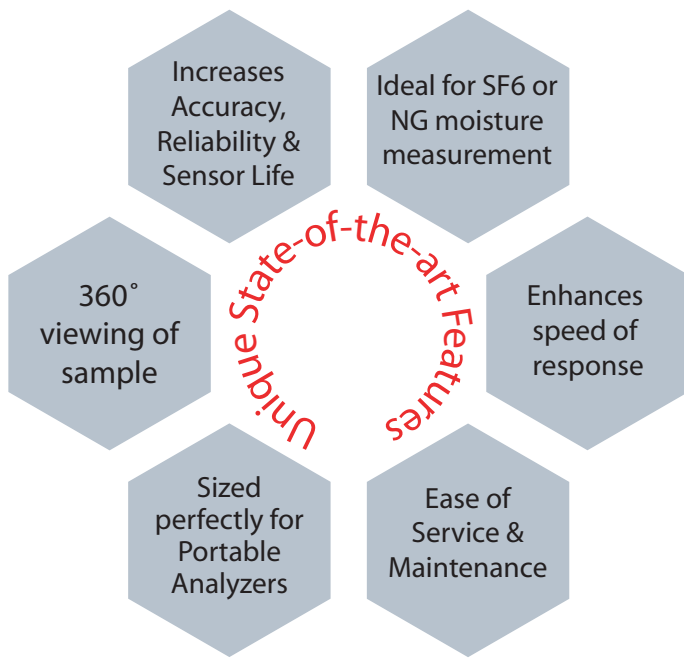


# PhyMetrix Mini-Demister



**You will Save Time & Money while achieving optimum performance with your gas analyzer.**



## more FEATURES

- Liquid knock-out, separates liquids from gasses
- Liquids visible before compromising analyzer
- Convenient rotatable drain valve and tube
- Works with any portable gas analyzer
- Seal integrity for even the most demanding measurement of trace moisture
- Stainless steel construction with Viton seals
- High Pressure Glass tube (425 psi rating)
- Protective plastic shield
- Optional internal flow control orifice
- Variety of available fittings swageable, SAE, NPT
- Superior to coalescing filters:  
no absorbent materials - no future out-gassing

## APPLICATIONS

- Petrochemical
- Industrial Gases
- Natural Gas
- Power Generation
- Furnace Gas / Heat Treating
- Air Dryers
- Pharmaceutical
- Aerospace
- Medical



**PhyMetrix, Inc.**  
Moisture Measurement  
Innovation at work

- ◆ Test
- ◆ Measure
- ◆ Calibrate

- ◆ Quick
- ◆ Reproducible
- ◆ NIST Traceable

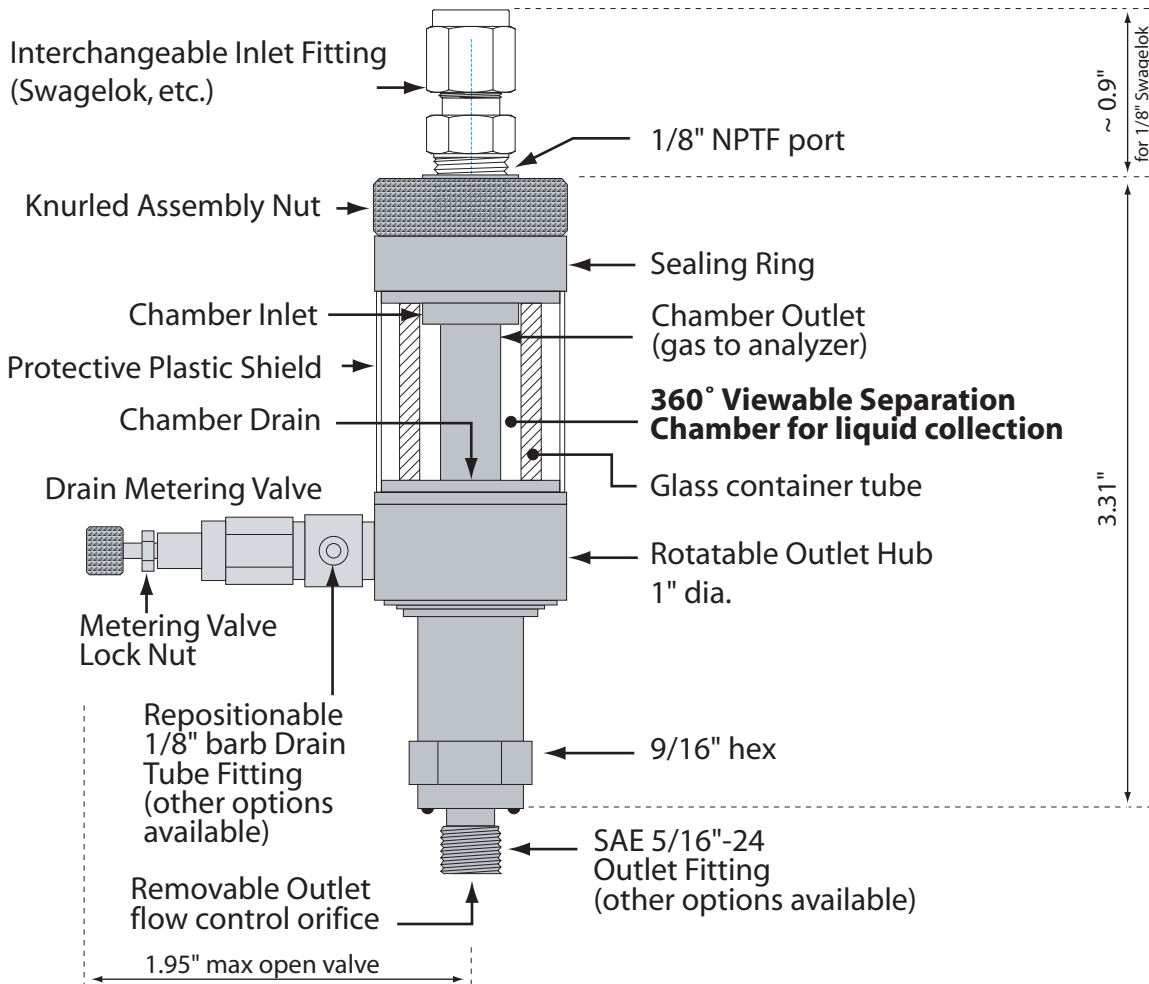
Proudly Designed, Developed and Manufactured in the USA



# PhyMetrix Mini-Demister



Installation and Connection Details



Technical Specifications

Pressure	Pyrex Glass Tube maximum recommended working pressure: 425 psi up to 150 °F and 315 psi up to 425 °F Valve maximum inlet pressure: 300 psi
Temperature Range	-20 °C to +60 °C
Mechanical	1/8" NPTF Inlet, 5/16"-24 SAE straight thread Outlet All 316 Stainless Steel and Pyrex Glass wetted parts, Viton seals small surface area stainless steel sampling chamber for fast response time. Dimensions- L: 3.6" (91.4mm) Dia: 1" (25.4mm) Weight Total: 0.5 Lbs (1.1 Kg) Built in serviceable/cleanable 100 micron Filter The outlet to the analyzer has a built-in facility for a removable flow control pressure drop orifice.
Miscellaneous Features	Operates by allowing liquids to settle to the bottom of the separator under force of gravity, where they are drained out through a metering valve. The sample travels through the container tube at a low velocity; thus minimizing the entrainment of any liquid droplets in the gas as it exits near the top of the separator and flows down into the analyzer. The glass container tube affords the operator a 360° view of the accumulated liquid. Adjusting the drain metering valve optimizes the liquid removal with minimum waste of sample gas. <ul style="list-style-type: none"> <li>• Axial in-line construction; conveniently positioned INLET on top and OUTLET to analyzer on the bottom.</li> <li>• On the side the rotatable drain valve and port can be positioned as needed.</li> <li>• Stainless Steel housing, Viton seals and a glass container tube provide the seal integrity necessary even for the most demanding measurements such as low levels of moisture.</li> <li>• Outer impact resistant protective clear plastic shield that prevents nicks and scratches in the field.</li> <li>• A variety of inlet and outlet port fitting types are available, e.g. NPT, SAE straight-thread with o-ring seals, swageable tube etc.</li> </ul>

ORDERING INFORMATION	Part Number
<b>PhyMetrix Mini-Demister</b>	<b>MD</b>
Included: Inlet Fitting (specify type), Outlet Orifice (specify nominal sample pressure)	

Represented by: