

SAMPLE MASTER™ 403

Cylinder Manifold



Quick Study

When collecting a natural gas spot sample, there is always a need to purge the sample flow path from the source valve to the inlet of the cylinder. If condensation is allowed to accumulate in the sample path during this process, it will result in sample distortion.

The Sample Master™ 403 Cylinder Manifold minimizes the opportunity for condensation, and drastically simplifies sampling. The 1/16" inside diameter passage way of the manifold fitting allows for quick purging without liquid accumulation in the sample flow path. A pressure gauge and purge valve are assembled to the manifold at the factory, eliminating tubing and fittings between hardware components, reducing purge volume and emissions, and significantly reducing the cost of ancillary hardware purchase and set up time. To prepare for sampling, simply connect the manifold to the source valve and sample cylinder.

Applications

- ▶ Natural gas spot sampling

Benefits

- ▶ Helps preserve sample integrity
- ▶ Simplifies sampling
- ▶ Reduces sampling time
- ▶ Minimizes emissions
- ▶ Reduces cost and set up time
- ▶ Requires no external hardware

Features

- ▶ Compact manifold assembly including pressure gauge and purge valve
- ▶ Low internal volume
- ▶ Analytically Correct™ design

Technical Specifications

Maximum pressure rating	2000 PSIG* <small>*The pressure rating of the manifold and valve is limited by the pressure gauge. The manifold and valve, without pressure gauge, is rated for 4000 PSIG.</small>
Maximum sustained temperature	200°F* <small>*The temperature rating of the manifold is limited by the pressure gauge. The manifold, without pressure gauge and valve, is rated for 300°F.</small>
End connections	1/4" Male NPT
Internal volume	0.039933 cu in
Wetted materials	Stainless steel



An ISO 9001:2000 certified company



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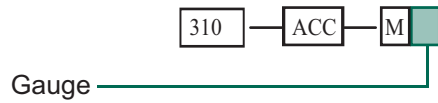
Model Numbering & Additional Part Numbers

Your model number is determined by your specific needs. Choose options below.

Gauge (psig)

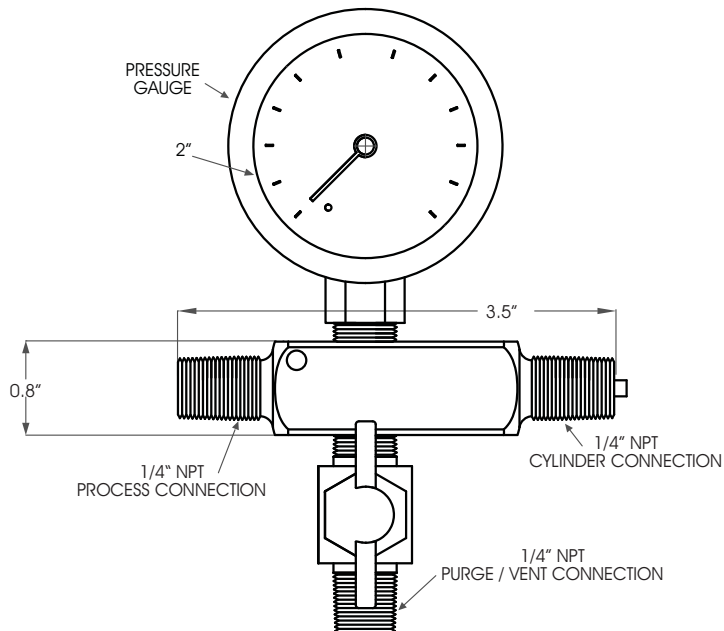
1 = 0-60 2 = 0-100 3 = 0-200 4 = 0-300 5 = 0-600 6 = 0-15
7 = 0-2000 8 = 0-1000 9 = 0-30

How to build the model number:



Dimensions

Manifold View



Local Distributor:



An ISO 9001:2000 certified company

Manufacturer

A+ Corporation, LLC

41041 Black Bayou Road

Gonzales, LA 70737

Call for expert product application assistance:

Phone: (225)-644-5255 Website: www.geniefilters.com

Fax: (225)-644-3975 E-mail: sales@geniefilters.com

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