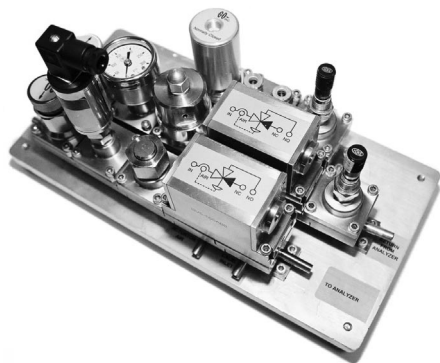


**GO** REGULATOR, INC.  
 A division of CIRCOR International, Inc.



## MS3 Modular Substrate Sampling System

The MS3 System is a unique design that focuses on maximizing efficiency and minimizing costs. The modular substrate system was developed specifically for the Analytical Instrumentation market, and incorporates a single block and tube architecture for simplicity. The built-in flexibility of the block and tube architecture make it the perfect solution for any gas or liquid sample conditioning system, single or multi-stream.

### Features

### Benefits

Simple Block & Tube Architecture

- Flexibility, lower inventory
- Cost-effective

Single Block System:  
 ISA SP76 Compliant

- Simple and interchangeable

Tube Assemblies are Pre-welded:

- Quick, simple, low cost assembly

Single Assembly Tool:

- Minimal training
- Simple Assembly Instructions

Few Substrate Components Required:

- Cost effective, lower inventory

Unlimited Multi-Stream and  
 Block Configurations:

- Easily adapts to any system schematic

Complete Set of Surface Mount Components  
 (Including Double Block and Bleed, and 3-way)  
 Valves Available on Substrate

- Versatile
- Compact space-saving design
- Can be used with vapor gas liquid

External Flow Path with Elastomeric Seal:

- Hassle-free troubleshooting

### Technical Specifications

Maximum Working Pressure:

250 kg/cm<sup>2</sup> (24800 kPa; 3600 PSI)

Working Temperature Range:

Viton® (standard)  
 -29° C to +204° C (-20° F to +400° F)  
 Teflon® (optional)  
 -196° C to +260° C (-320° F to +500° F)  
 Kalrez® (optional)  
 -40° C to +287° C (-40° F to +550° F)

Materials of Construction:

Block and Tubes  
 316L Stainless Steel (standard)  
 Monel, Hastelloy C 276 (optional)

Orifice Size:

.125", 3.18mm

Flow Tube Size:

1/4" O.D. x .035" wall thickness

Weld:

Electron Beam Welding

Mounting Screws:

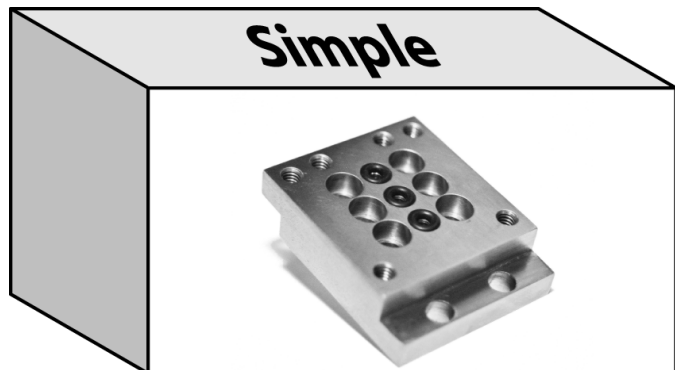
#8-32

Viton®, Teflon®, and Kalrez® are registered trademarks of Dupont.

405 Centura Court  
 Spartanburg, SC 29303  
 tel 909-270-6300  
 fax 909-270-6201  
 www.goreg.com  
 sales@goreg.com

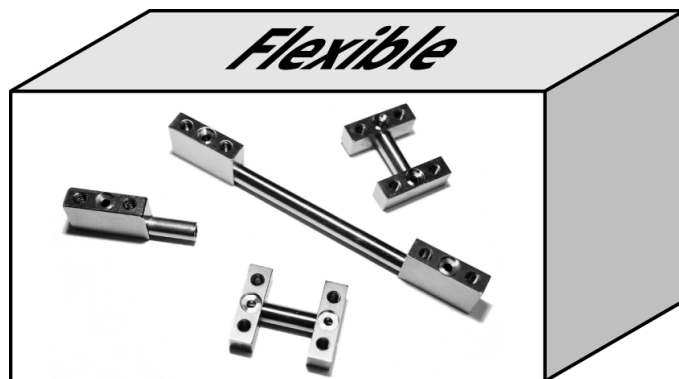


# MS3 Modular Substrate Sampling System



One building block for all systems.  
ISA SP76 Compliant.

- Standard flow tubes are pre-welded
- Standard flow tubes allow for flexibility in system design:
  - External flows allow for simple troubleshooting.
  - System can be reconstructed.



- Simple block and tube architecture can be assembled into any configuration
- Lowest installed cost achieved with design simplicity.

Substrate systems are available with a complete set of control and conditioning components.

For ordering information, contact Go Regulator by sending a fax to (909) 270-6201 or sending an e-mail to [sales@goreg.com](mailto:sales@goreg.com).



## The New Building Blocks for Analyzer Sampling Systems

Analytical Solutions and Products B.V.  
Badhuisweg 3 • Amsterdam  
P.O. box 37146 • 1030 AC Amsterdam  
Tel. +31 (0)20 4924748 • Fax +31 (0)20 3372798  
Home page [www.asap4u.nl](http://www.asap4u.nl) • E mail [info@asap4u.nl](mailto:info@asap4u.nl)

**GO** REGULATOR, INC.  
A division of CIRCOR International, Inc.