



AUTOPLEX™ 8000 SERIES MODULAR SAMPLE SYSTEM MANIFOLD



Typical Sample Bypass and Calibration System – Patent Pending

Modular construction allows the rapid design and development of a sample system using standard, field proven components. The result is a system with an established design and defined test specification.

- **Miniaturization – 1/10 Volume**
- **Eliminates contamination from pipe and tube fittings**
- **Internal Volume Minimized – 1/100 of conventional systems**
- **Enhanced Servicing and Maintenance features**
- **Provides for rapid design and development**
- **Base plates available in any number of positions**
- **Multiple or optional internal porting paths**
- **Every position interchangeable**
- **Multiple manifolds are bridged for efficient high density packaging**

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Typical Standard Components

Shut-Off Valves (manual)

Options: 300 psig, 3000 psig, knob, toggle

Shut-Off or Selector Valves (air operated)

Options: 300 psig, N.O, N.C.

Selector valves – Autoplex - Double Block and Bleed

Filter:

Options: Types: particulate, coalescing and membrane water separator
Micron Ratings, 3.0, 0.7, 0.5, 0.1

Pressure Regulator:

Ranges: 0-10, 0-25, 0-50, 0-100 psig

Backpressure Regulator:

Ranges: 0-10, 0-25, 0-50, 0-100 psig

Pressure Gauges 1 1/2 “

Ranges: 15, 30, 60, 100, 200, 300, 400, 600, compound 30-0-30,
30-0-60 psig

Pressure Transmitter 4-20ma output

Ranges: 15, 30, 60, 100, 200, 300, 400, 600, compound 30-0-30,
30-0-60 psig

Relief Valve – Captured and exhausted into Vent Port:

Available in any required set point

Flow Control Valves (manual) – Metering Valves for precise flow control

Flow Control Valves (Electronic Proportional Solenoid Flow Control) 4-20 ma

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Typical Standard Components (con't)

Flow Meter (mass flow sensor)

Flow Switch (conventional)

Flow Switch (mass flow sensor)

Sample Heating Element

Options: 50, 75, 100, 150, 200, and 400 watt