Airgas® LaserPLUS™
Assist Gas Changeover

• 500/10 - 225 PSIG Delivery (Adjustable)
• Argon, Nitrogen and Oxygen Service

Description: This high-purity brass fully automatic manifold electronically controlled system provides an uninterrupted supply of gas, continuously checks itself for any leaks and recognizes the new cylinders that replaced the depleted ones as the new standby reserve cylinders automatically. This manifold is designed to work with liquid gas cylinders, commonly called Dewars.

Design Features
Automatic Changeover
Provides uninterrupted high-purity gas supply with no operator re-setting required
Remote A/V Alarm
Audio and visual notification from remote locations, 1000 ft from control enclosure
72" Flexible Pigtails w/Purge Assembly
Stainless steel corrugated bellows pigtails, with CGA and integral check valve, and block and bleed valves
Telemetry Alarm Contacts
Two sets of dry contacts standard for interface with standard telemetry systems.
Control Enclosure
NEMA 4X, can be located outdoors and includes lockable latches
Mechanical Enclosure
NEMA 1X, can be located outdoors, placement up to 100 feet from control enclosure

Operational Features
Built-in Leak Detection
Standby cylinder reserves are continually monitored for leaks
LCD Information Panel
Panel displays left and right cylinder contents and pipeline delivery pressures
System Status LED’s
Six system status LED’s (Green, Amber & Red) included to indicate the condition of the gas supply
One-touch priority
Flip a switch to prioritize the primary and reserve banks
Pressure Change With Push of a Button
Change the cylinder switchover pressure with the push of a button

Available Options
Remote Alarm, 12V with Two system status LED’s & Audible buzzer
Remote Alarm, 12V with Four system status LED’s & Audible buzzer
Switchover Alert Phone Dialer
PC based Telemetry, Wireless Web Based
Web page monitoring, calls phone/pager/emails alert messages (Hardware)
Available upon special request only – call 800-939-5711
Web page monitoring, calls phone/pager/emails alert messages (Wireless)
Available upon special request only – call 800-939-5711

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Material</th>
<th>No. of Cylinders</th>
<th>CGA</th>
<th>Max Outlet Press. (psig)</th>
<th>Capacity (scfh @ Max Del. Press.)</th>
<th>Inlet LCD Range (psig)</th>
<th>Delivery LCD Range (psig)</th>
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</thead>
<tbody>
<tr>
<td>Y11EVAG225580</td>
<td>Brass</td>
<td>2</td>
<td>580</td>
<td>10 - 225</td>
<td>1000</td>
<td>3000</td>
<td>250</td>
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<td>Brass</td>
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<td>540</td>
<td>10 - 225</td>
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<td>3000</td>
<td>250</td>
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Specifications
Maximum Inlet Pressure
500 PSIG
Maximum Delivery Pressure
10-225 PSIG (adjustable)
Inlet
½" FNPT
Outlet
½" FNPT
Temperature Range
-20 - 140° F
NEMA 4x and 1x Enclosures
Yes

Materials
<table>
<thead>
<tr>
<th>Body</th>
<th>Brass Barstock</th>
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<tbody>
<tr>
<td>Bonnet</td>
<td>Die Cast (Painted)</td>
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<tr>
<td>Diaphragm</td>
<td>302 Stainless Steel</td>
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<tr>
<td>Inlet Gauge</td>
<td>Transducer to LCD Panel</td>
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<tr>
<td>Nozzle</td>
<td>Brass</td>
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<tr>
<td>Seat</td>
<td>PTFE</td>
</tr>
<tr>
<td>Seals</td>
<td>PTFE</td>
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<tr>
<td>Seat Return Spring</td>
<td>Stainless Steel</td>
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<tr>
<td>Filter (10 Micron)</td>
<td>Nickel-Plated Sintered Bronze</td>
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<tr>
<td>Helium Leak Rate</td>
<td>$10^{-8}$ cc/sec He</td>
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<td>Relief Valve</td>
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