

## 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' 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

Assist Gas Changeover

LASER EQUIPMENT



### Materials

<b>Body</b>	Brass Barstock
<b>Bonnet</b>	Die Cast (Painted)
<b>Diaphragm</b>	302 Stainless Steel
<b>Inlet Gauge</b>	Transducer to LCD Panel
<b>Nozzle</b>	Brass
<b>Seat</b>	PTFE
<b>Seals</b>	PTFE
<b>Seat Return Spring</b>	Stainless Steel
<b>Filter (10) Micron</b>	Nickel-Plated Sintered Bronze
<b>Helium Leak Rate</b>	1 x 10 <sup>-8</sup> cc/sec He
<b>Relief Valve</b>	YES

### Specifications

<b>Maximum Inlet Pressure</b>	500 PSIG
<b>Maximum Delivery Pressure</b>	10-225 PSIG (adjustable)
<b>Inlet</b>	½" FNPT
<b>Outlet</b>	½" FNPT
<b>Temperature Range</b>	-20 - 140° F
<b>NEMA 4x and 1x Enclosures</b>	Yes

### Ordering Information

Product Number	Material	No. of Cylinders	CGA	Max Outlet Press. (psig)	Capacity (scfh @ Max Del. Press.)	Inlet LCD Range (psig)	Delivery LCD Range (psig)
Y11EVAG225580	Brass	2	580	10 - 225	1000	3000	250
Y11EVAG225540	Brass	2	540	10 - 225	1000	3000	250

### Available Options

#### Description

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