

Airgas® LaserPLUS™ Assist Gas Changeover

- 10–400 PSIG Delivery (Adjustable)
- 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 high-pressure cylinders.

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 w/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

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

Specifications

Maximum Inlet Pressure	3,000 PSIG
Maximum Delivery Pressure	10-400 PSIG (adjustable)
Inlet	½" FNPT
Outlet	½" FNPT
Temperature Range	-20 - 140° F
NEMA 4x and 1x Enclosures	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)
Y11-EAG400580	Brass	2	580	10 - 400	1000	3000	400
Y11-EAG400540	Brass	2	540	10 - 400	1000	3000	400
Y11-EAG400(CGA)							

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