

## SMART LOGIC PLUS

**Description:** The **SMART LOGIC PLUS** changeover manifold is an advanced version of the **SMART LOGIC**. It provides the user with simple, intuitive operation using a color touch screen – no buttons to push and no knobs to turn. Like the **SMART LOGIC**, users can switch from high-pressure cylinders on both sides to low-pressure cryogenic containers on one side and high-pressure cylinders on the other side, or cryogenic containers on both sides with just a few screen touches. Once you have set the operating parameters, you need only change cylinders as necessary. The system takes care of everything else. There is no need to make pressure adjustments or flip a knob after the system has switched from one side to the other. Just replace the empty cylinders and open the valves. The system is now set to change in the opposite direction. These systems are truly automatic and hassle free.

The **additional SMART LOGIC PLUS** capabilities provide customers with a larger display and integration into the user's computer network. It enables remote monitoring of gas supply, gas usage, when the gas supply switches to reserve, and alarms when gas levels are low, or when a leak in the reserve supply is detected – all on a local network.

The Smart Logic is available constructed with brass or stainless steel high purity gas components. It has digital pressure readouts for inlet pressures and outlet delivery pressure, built-in alarms, and dry contacts to operate external equipment, such as remote alarms or an auto-dialer. Entire system is housed in a NEMA 4X box.

**Note:** This unit is not for flammable gas service.

Specifications	
Max inlet pressure	3000 psig
Power required	120 VAC/60Hz

Ordering Information			
Model	Description	Delivery Pressure	No. Cyls.
Y11-SLP120(CGA)	brass electronic high purity changeover manifold	25-200 psig	2
Y11-SLP420(CGA)	SS electronic high purity changeover manifold	25-200 psig	2

PPLC Fully Automatic

CHANGEOVER PANELS



### Design Features

- Fully automatic, simple, hassle-free operation via a large color touch screen
- **Can be controlled via network**
- **Provides full data logging capability for all functions**
- Operating parameters are password protected for multiple operators.
- Provides automatic purging to ensure gas purity on cylinder change outs
- Constant digital and graphic gas supplies on both sides
- Delivery pressure monitor displays any unusual variances
- High and low adjustable delivery pressure alarm settings
- Designed for high-purity gas service
- May be used with any type gas source
- “Leak-Check” monitoring alerts the user to low reserve side pressure of either high-pressure or cryogenic containers while in standby via audible and visual alarms
- “Gas-Check” feature assures efficient use of gas supplies when cryogenic containers are in service
- Built-in audio and visual alarm
- External dry contacts provided to activate optional equipment or remote alarms
- System housed in a NEMA 4X box
- Available in either brass or stainless steel construction