

PPLC Fully Automatic

CHANGEOVER PANELS

SMART LOGIC

Description: This advanced electronically operated **SMART LOGIC** changeover manifold is truly fully automatic. It provides the user with simple, intuitive operation using a color touch screen – no buttons to push and no knobs to turn. The **SMART LOGIC** allows users to 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 **SMART LOGIC** capabilities provide customers with the best changeover system to suit their current operation and future expanded requirements without needing to buy another system.

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.



Design Features

- Fully automatic, simple, hassle-free operation via a color touch screen
- 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

Specifications

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

Ordering Information

Model	Description	Delivery Pressure	No. Cyls.
Y11-SL120(CGA)	brass electronic high purity changeover manifold, 2 cylinder (1x1)	25-200 psig	2
Y11-SL140(CGA)	brass electronic high purity changeover manifold, 4 cylinder (2x2)	25-200 psig	4
Y11-SL420(CGA)	SS electronic high purity changeover manifold, 2 cylinder (1x1)	25-200 psig	2
Y11-SL440(CGA)	SS electronic high purity changeover manifold, 4 cylinder (2x2)	25-200 psig	4