

E-Stop Control System

The Emergency Stop Control System is the latest state of art system that is designed for industrial applications and is outfitted with a rugged stainless steel enclosure.

Midwest Cryogenics offers the most complete set of standard features while maintaining competitive pricing.

Standard Features & Specifications Include:

- White light illuminates when power is on and conditions are safe
- Red light illuminates when alarm condition exists to alert personnel. Audible alarms are optional and can be added
- Once the alarm has been acknowledged by the personnel and it is safe to resume operation, the reset button must be pressed to allow for the system to re-open the liquid nitrogen supply valve
- Includes solenoid valve used to operate with a pneumatic actuated valve and can also operate electric valves.
- Designed to work with pneumatic actuated valves that require air pressure between 30-150 PSIG.
- Air supply, Control and Air Vent ports have a 1/4" ODT connection.
- Mounting: Wall mount.
- Dimensions (approx.): 12"W x 16"H x 8.75" D
- Power: 120 VAC



Optional Stack Light Assembly

- Length= 8-2/3"
- Width= 2"
- Height= 8-2/3"
- Diameter= 2"
- Depth= 2"
- Lamp Life= 2500 Hours
- 5000 Candle Power
- Voltage= 115 V
- 0.4 Amps AC
- 15 Watts
- Surface Mounting
- Operating Temp= -4
- UL E164155 Standards





The E-Stop control system is designed to interact with Midwest Cryogenics oxygen deficiency monitor or other monitors with proper connections. The remote actuated liquid nitrogen supply valve will close if one of the following occurs: power is lost, internal fault is detected within oxygen deficiency monitor or to the E-Stop control system, if an auxiliary alarm condition occurs, or if the oxygen monitor goes into a low oxygen alarm, or simply if the red emergency stop button is pushed.

