



WESTERN INNOVATOR SDLA MANIFOLD



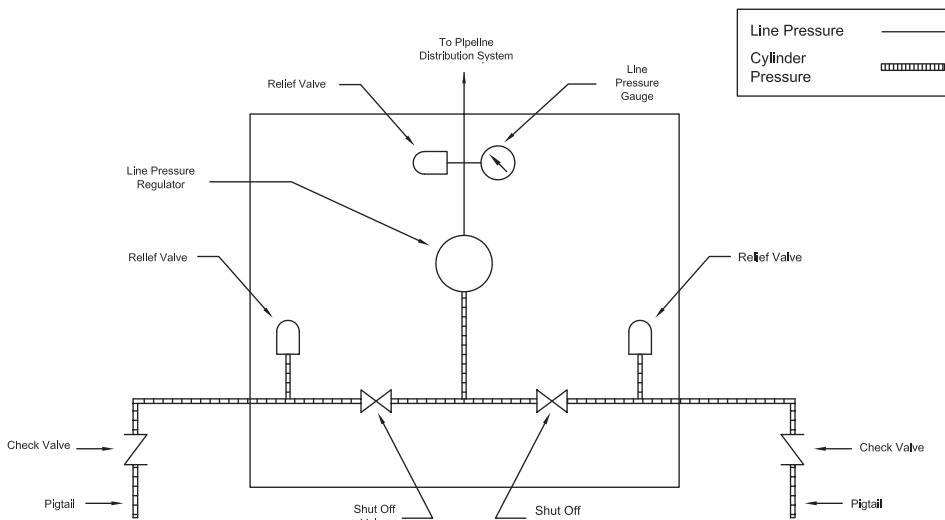
Western Innovator SDLA Manual Changeover Manifolds are designed for applications requiring gas withdrawal from cryogenic cylinders. The SDLA manifold was designed for use with up to 4 cylinders, 2 per bank, and can flow from both banks or one bank can be kept in reserve. An alarm can be added to signal when your primary bank is nearly depleted.

FEATURES

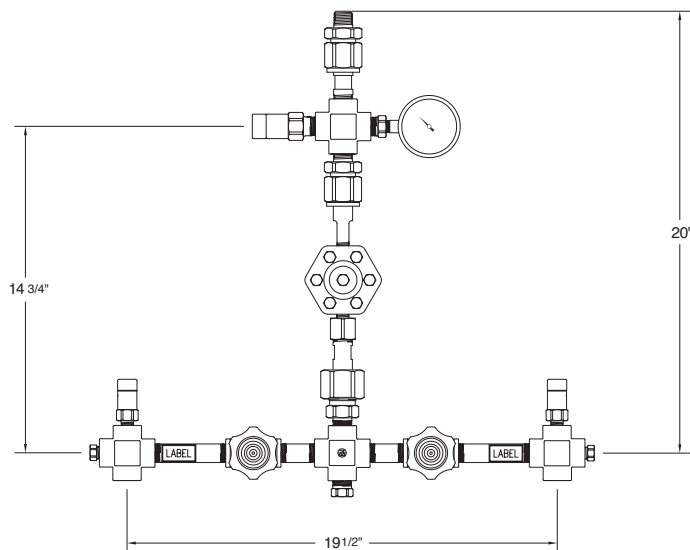
- Available for 2, 3 or 4 cylinders.
- Includes high quality cryogenic master valves for low temperature operation.
- To maximize flow performance when more than one cylinder is used, pigtailed should be used to connect the vent lines to ensure equalized cylinder pressure.
- Available for the following gases: Argon, Carbon Dioxide, Helium, Nitrogen, Nitrous Oxide, Oxygen.
- Options:
 - ▶ Alarm Kit Part # SDLA-AK
 - ▶ FloorStand
- Constructed of brass pipes and tees, labeled for indicated gas usage.
- Wall mounting brackets included.
- Western will customize to meet your customer's special requirements.
- Made in the USA

SPECIFICATIONS

- Minimum inlet pressure:
 - SDLA 125 psig
 - SDLAHP 250 psig
- Maximum inlet pressure:
 - SDLA 350 psig
 - SDLAHP 350 psig
- Adjustable Line Regulator:
 - SDLA 40-100 psig
 - SDLAHP 80-210 psig
- Maximum Flow:
 - SDLA 750 SCFH
 - SDLAHP 800 SCFH
- Manifold Outlet: 1/2" MNPT.
- Line relief valve outlet: 1/2" FNPT.
- Inlet relief valve outlets: 1/4" FNPT.
- 72" Cryogenic pigtailed with check valves.
- SDLA series for use with 235 psig relief valve Dewars.
- SDLAHP series for use with 350 psig relief valve Dewars.
- Temperature Limits:
 - 0°-120° F (CO₂ and N₂O)
 - 20°-120° F (all other gases)



SDLA-PIPING SCHEMATIC



HOW TO ORDER

Specify: Control Type (W) - Service (X) - Number of Cylinders (Y) - Mounting (Z)
Example: SDLA-5-4 = Model SDLA, Helium service for 4 cylinders

CONTROL TYPE (W)	GAS SERVICE (X)	# OF CYLINDERS (Y)	MOUNTING (Z)
SDLA (40-100)	(3) Argon CGA-580		Blank=Wall Mount F=Floor Stand
SDLAHP (80-210)	(4) Carbon Dioxide CGA-320		
	(5) Helium CGA-580		
	(7) Nitrogen CGA-580		
	(8) Nitrous Oxide CGA-326		
	(9) Oxygen CGA-540		