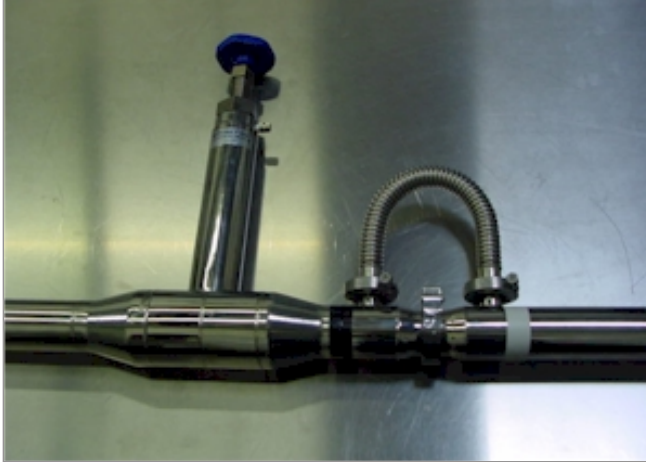




SPECIALISTS IN CRYOGENIC EQUIPMENT

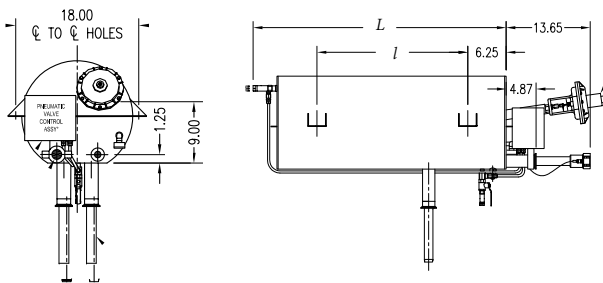


TM
Flex

Vacuum insulated LN₂ flexible piping systems

All DynaFlex products come with Cryogas Tech's renowned customer service, from conceptual design to implementation, and are backed by a three year warranty.

Flex is the only flexible piping system available for liquid nitrogen service. It is designed for use in applications where space is limited and flexibility is required. The system is made of stainless steel and is vacuum insulated to prevent heat transfer. It is easy to install and maintain, and is backed by a three year warranty.



Features and Benefits

- Triax Compatible - eliminates two phase flow of liquid nitrogen to use points when combined with Phase Separator
- Modular Design - the bendable nature of DynaFlex allows for re-usability
- Three Year Warranty - covers material and workmanship defects
- Close Tolerance Bayonets - provides ideal gas seal for leak tight connection between sections

Phase Separator Specifications

Materials

Stainless Steel Series 300

Controller Dimensions

14" H x 6.5 D x 2.5" W
(356 mm H x 165 mm D x 64 mm W)

Maximum Inlet Pressure

125 psi (8.62 bar)
Optimal is 80 psi (5.52 bar)

Optional Maximum Back Pressure

10 psi (0.7 bar) when using a
back pressure regulator

No. of Outlets

2 to 10

Capacity Operational Volume*

2 outlets: 5.85 gallons
4 outlets: 5.85 gallons
6 outlets: 7.73 gallons
8 outlets: 9.60 gallons
10 outlets: 11.48 gallons

Weight

Empty Condition
60 - 85 lbs (27.2 - 38.6 kg)
Full Condition
100 - 163 lbs (45.4 - 73.9 kg)

**High volume available for MBE applications*

System Utilities

Electricity: 80 - 240 VAC

Minimum GN₂

Pneumatic Valve Pressure

40 psi (2.7 bar)

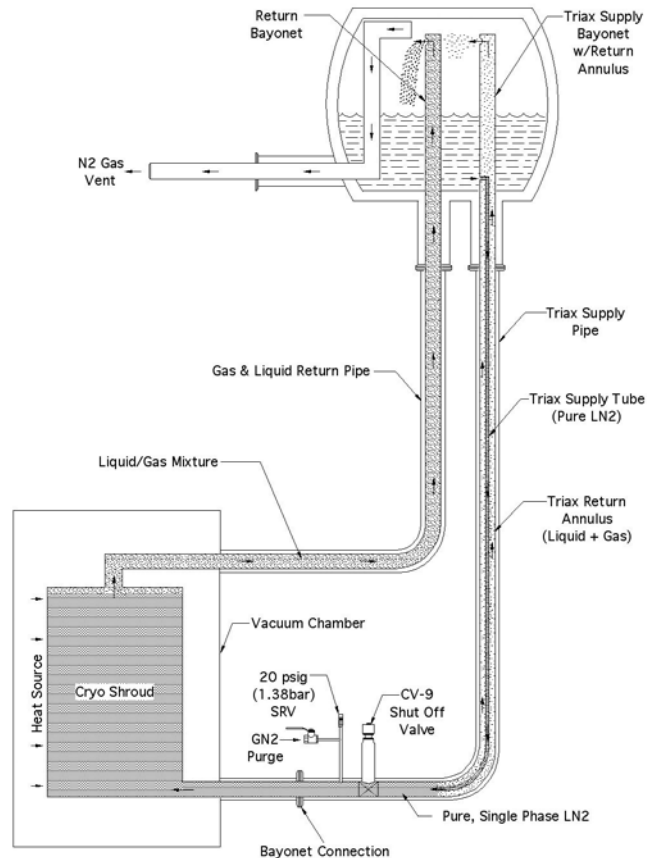
Certifications

NEMA 4X, CE

Options

Custom sizes and ASME coded
pressure vessels

Phase Separator Closed Loop Application



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