

CoolTran Open Cycle Cryostats

905 Harrison Street
Suite 134
Allentown, PA 18103
Phone/Fax: 610-628-6363

4K to 400K Temperature Range

The Cooltran is a continuous gas flow, shielded vacuum insulated transfer line mated to a flexible cryostat cold end designed for use with a variety of interfaces and applications.

- System operates with Liquid Helium or LN2
 - <3K operation with Liquid Helium
 - 77K operation with LN2
- Cryogen flow from dewar is controlled by both a needle valve at the dewar and/or exhaust gas flow meter to optimize cryogen use.
- Operates in any orientation
- UHV configuration available
- Modular design allows easily interchangeable vacuum enclosures for multiple.
- All systems are fully tested assembled prior to shipment and detailed performance test data is supplied.

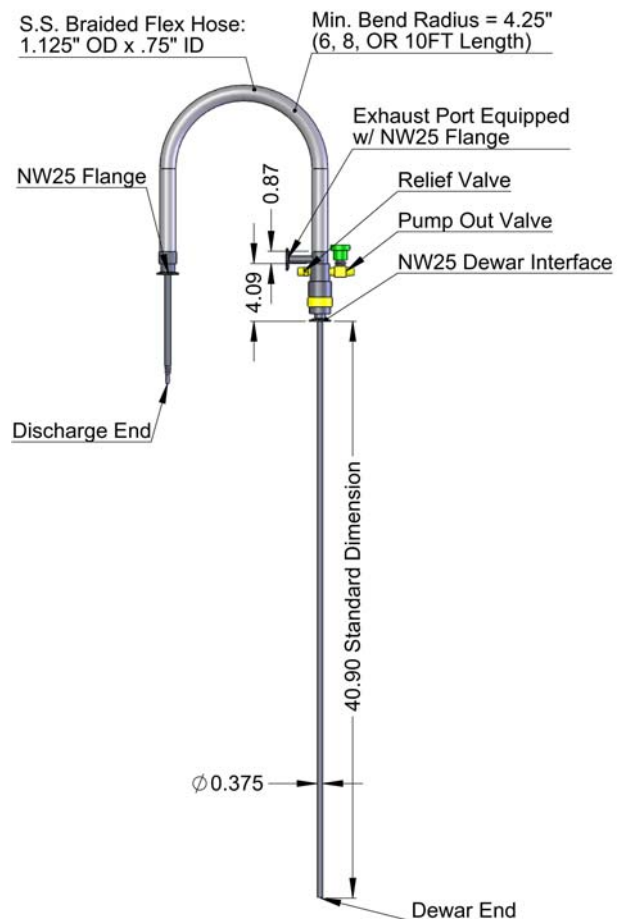


Optical Spectroscopy

Applications

- Optical Spectroscopy
- Narrow Gap Magnet
- Electrical Non Optical
- UHV & Manipulators
- FTIR, Raman, Matrix Isolation
- X-ray Diffraction

ColdEdge supplies complete systems with vacuum enclosures, radiation shields, sample holders, windows, temperature sensors, heaters, extra experimental wire leads and feed throughs (UHV, SMA, coax & other), temperature controllers, vacuum pump systems, sample manipulation attachments, and many other additional options.



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