

Cryogenic supply Systems

Transfer systems for cryogenic media are always tailored to the specific needs of the customer and on-site conditions.

In addition to vacuum super-insulated lines with Johnson type couplings (male & female connectors) and vacuum super-insulated welded connectors, a variety of other vacuum-insulated products are available, including;

- Hand valves, electro-pneumatic valves and solenoid valves
- Control Valves
- Temperature sensors, flow meters and pressure transmitters
- Automatic Vent Valves
- Gas Traps
- Phase Separators
- Nitrogen super-coolers

The use of liquid cryogenic media such as Nitrogen for industrial and scientific applications mostly requires more than just a vacuum insulated piping system to connect the storage vessel with the point of use.



Inside the tank, pressure conditions and the temperature of the media typically fluctuate, however, at the point of use a specific reproducible condition is often required such as a specific and gas free medium or a medium in a stable state of pressurisation that generates as little gas as possible when its pressure drops to ambient pressure levels.

See our liquid conditioning data sheets for more detail

For further details please contact Ian Davies at idavies@igph.net or visit our website at



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