CRYO offers complete Liquid Nitrogen Generator Systems with two different liquefaction capacities:

- Cryocool-LN10: 10 liters/day
- Cryocool-LN50: 50 liters/day

Two styles are available:
- Direct Feed Design
- Dewar Mounted Design

CRYO’s liquid nitrogen generator systems eliminate the cost of buying liquid nitrogen and the hassle of waiting for deliveries.

**Gas In - Liquid Out**

**DIRECT FEED DESIGN:**
The Direct Feed design is a stand-alone flow out system that is easy to use with no permanent attachment to a dewar. Nitrogen flows into the inlet port and liquid nitrogen flows out the nozzle. This small footprint design allows for direct filling of experimental dewar/cryostat.

**DIRECT FEED DESIGN FEATURES:**
- 24 hour/day automatic operation
- Thread on tips available to customize the nozzle for your special application
- Water cooled compressor standard (Air cooled compressor is available)
- Optional nitrogen gas generator

**DEWAR MOUNTED DESIGN:**
In the Dewar Mounted design the coldhead is mounted on a 100 liter Liquid Nitrogen storage dewar. The nitrogen gas flows in the inlet port, is liquefied and the liquid nitrogen is stored in the dewar.

**DEWAR MOUNTED DESIGN FEATURES:**
- 24 hour/day automatic operation
- Liquid level probe installed in the dewar
- Supplied with a high efficiency, light-weight epoxy fiberglass dewar
- Water cooled compressor standard (Air cooled option available)
- Optional nitrogen gas generator

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