

COMPRESSOR 2.1



The Genesis 2.1 compressor is designed to supply compressed helium for a single cryopump up to 12" (300mm) and offers an ideal solution for low-cost, small footprint, single pump applications.

Compact Size, Low Cost

The cryopump/compressor unit is a closed-loop system that supplies high-purity helium to cryo refrigerators and cryopumps.

The compressor features include:

- A water-cooled oil-lubricated compressor
- A two-stage filtering system that removes oil aerosol from the high-pressure helium stream
- An interlock system to prevent damage to the compressor
- A power supply to run the compressor and expander
- LED displays on the front and rear panels that provide operational and alarm information

The compressor capsule is built around a rotary-type compressor that provides compression and high-pressure discharge. A water cooled heat exchanger provides the cooling capacity to remove up to a 2.6 KW heat load.

The 2.1 compressor is highly reliable, field-proven solution evolved from many years of use. The compact design does not require much floor space, costs very little to operate, and requires fewer maintenance interventions. With the 2.1 compressor, customers can feel confident they have chosen a compressor with demonstrated performance and reliability.



