



# Anatomy of CryoPod Filling Station

The CryoPod™ Filling Station is designed to reliably and safely dispense liquid nitrogen (LN2) into an Azenta Life Sciences CryoPod. This dispensing method replaces the manual filling technique where LN2 is poured into the CryoPod using a funnel. The CryoPod Carrier and Filling Station can be used in combination with the BioStore™ to support safe, documented cryogenic handling and intra-campus transportation.



## LN2 Dispensing System:

- Manages the flow of LN2 from the LN2 supply into the CryoPod
- Connect via a central LN2 supply facility, or to a stand-alone dewar
- CryoPod lift system brings the CryoPod into the proper position for LN2 dispensing
- Time charging CryoPod carrier is reduced in comparison with manual charging

## Touch Screen User Interface:

- Clearly see the system status
- Run, pause and stop the filling process by simply pressing the button

## Filling Process:

- The CryoPod is loaded onto the Filling Station tray, the lid removed and placed on the inside of the door
- The CryoPod is inserted fully into the Filling Station, the door closed and the fill process initiated
- The CryoPod is lifted to the LN2 dispenser and LN2 is dispensed
- Once complete the CryoPod is lowered from the LN2 dispenser, the Filling Station door can be opened and the CryoPod retrieved