



**Millrock Technology offers freeze-dryers/lyophilizers** from the laboratory to production.

Innovative technologies such as FreezeBooster™ Controlled Nucleation and AccuFlux™ Lyophilization Heat Flux Measurement and Control are available as part of your freeze-drying solution. Freeze drying is the removal of ice or other frozen solvents from a material through the process of sublimation and the removal of bound water molecules through the process of desorption. Lyophilization and freeze drying are terms that are used interchangeably depending on the industry and location where the drying is taking place.

Controlled freeze drying keeps the product temperature low enough during the process to avoid changes in the dried product appearance and characteristics. It is an excellent method for preserving a wide variety of heat-sensitive materials such as proteins, microbes, pharmaceuticals, tissues & plasma.