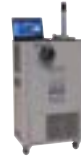
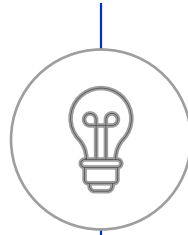


LyoPath

The Road to GMP

Discovery & Development

Understanding your products characteristics is critical to developing a robust freeze drying cycle. Our innovative freeze drying technology is designed for the needs of research scientists in charge of formulation and process development. Our MicroFD and LyoPro series freeze dryers provide the tools to optimize your freeze drying cycle while determining the critical process parameters required for scaling to larger systems. In addition, the equipment can perform scale-down analysis for troubleshooting of protocols already in use.



MicroFD®

Changing freeze drying research, cycle development, and cycle transfer forever, with as little as 7 vials.

RevoPRO with LyoPAT®

Perfect solution for both your protocol development and small scale lyophilization production needs.



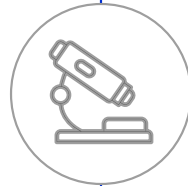
Revo®

Features the most advanced PC/PLC control system. Perfect solution for both your protocol development and small scale lyophilization production needs.

Clinical Research & Trials

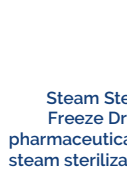
Process control is critical to consistent and efficient freeze drying cycles. Our Revo and Magnum Series freeze dryers offer robust designs, superior performance specifications and the most advanced control systems available to ensure that your product is processed in the same manner each and every run.

Our freeze dryers use the same control systems for research and development through production, making scaling a snap.



Magnum®

Offers 30% more shelf area than most other units in its class. While commonly used for R&D purposes in the lab, it is the perfect lyophilizer for small scale production.

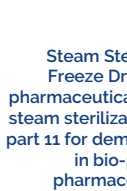
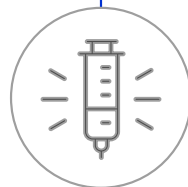


Epic®

Perfect for small scale production, offering up to 30 sq. ft of shelf area with a condensing rate of 40 Liters in 24 hours.

Commercialization

For your growing needs, we offer both non-sterile and fully cGMP compliant production sized freeze dryers. Each system is designed to your specific application requirements, the space you have available, and budgetary needs. As the science and equipment of freeze drying continue to evolve, we are keeping pace and leading the pack with features like steam sterilization, clean in place, single height loading, pass-thru chambers, redundant mechanical systems, 21 CFR Part 11 software, and much more.



Quanta™

Steam Sterilizable Production Freeze Dryer - supplies cGMP pharmaceutical freeze dryers with steam sterilization (SIP) and 21CFR part 11 for demanding applications in bio-pharmaceutical and pharmaceutical applications.



MILLROCK TECHNOLOGY

Experience the Millrock Difference

When you purchase a Millrock product, you get more than a freeze dryer. You get a long-term partner delivering industry-changing innovations, high-performing products, and on-call expert support.

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DEVELOPMENT

PILOT/PRODUCTION