

PRESS RELEASE

Convenient Benchtop Tray Freeze Dryer

The **AdVantage Pro freeze dryer** with advanced controller from **SP Scientific** now offers users the benefit of ethernet communication to allow you to monitor your cycle from anywhere that you can receive email.

Designed for pharmaceutical and biotech labs, the AdVantage Pro has comparable shelf temperature uniformity (+/- 1.0°C) and system vacuum control performance to larger production freeze dryers, but in a convenient benchtop package. At only 26 in (66 cm) wide, the Advantage Pro requires a minimal amount of your valuable bench space, yet enables product to be safely processed on over 3 ft² (2,766 cm²) of usable shelf area.

The AdVantage Pro offers the versatility to freeze dry bulk product or be configured for applications in stoppered vials. Top down pneumatic stoppering is available as an option. The Advantage Pro also features a sophisticated and accurate Pirani gauge to measure and control vacuum. Side-mounted manifold valves provide the additional flexibility to freeze dry product in flasks. Two refrigeration choices (-70°C and -85°C) are available for the large 6-liter capacity condenser, depending on the type of product and solvents being lyophilized. Your operational convenience is enhanced by an advanced condenser coil which can hold a total of six liters before defrosting.

Designed for both the occasional user and freeze-drying expert, the highly intuitive AdVantage Pro controller simplifies freeze drying and makes the system easy to operate. One touch start-up and shut down ensure that your product and freeze dryer are protected from inadvertent operational procedures. Integrated performance and leak testing ensure that your AdVantage Pro is always working optimally. The color touch screen display provides users with at-a-glance understanding of the status of their freeze dryer and whether or not appropriate freeze-drying conditions exist. Alarm alerts, delivered via email, help notify the user of potential problems with the system and hence, with the product.

Recipe customization (up to 10 thermal treatment and 12 drying steps) enables experienced operators to undertake even the most complex freeze-drying protocols. The controller provides scientists with the ability to develop a complete freeze-drying recipe, together with the flexibility to program and control individual pressure and temperature settings at each step of the process.

For further information on the AdVantage Pro freeze dryer please visit <https://www.spscientific.com/AdVantagePro/> or contact SP Scientific on +1-845-255-5000 (+44-1473-240000 in Europe).

SP Scientific is a leading manufacturer of freeze dryers / lyophilizers, aseptic vial washing and tray loading machines, temperature control/thermal management, centrifugal evaporators and concentrators, glassware washers, and controlled environmental rooms and chambers. The company sells its products under well-known brands including VirTis, Hull, PennTech, FTS Systems, Genevac and Hotpack. SP Scientific has ISO 9001:2015 registered production facilities in the USA and Europe

Illustrative Images: (available on request)



Further Info. / Illustrative Image:

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