

News Release



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SP SCIENTIFIC SIGNS LICENSE AGREEMENT FOR PRAXAIR'S CONTROLYO™ NUCLEATION TECHNOLOGY

DANBURY, Conn., September 29, 2010 – Praxair, Inc (NYSE: PX) has announced that SP Scientific has signed a license agreement to utilize Praxair's *ControlYo* nucleation on-demand technology, which provides pharmaceutical and biotechnology companies with precise control over the freeze-drying process for drug developmental efforts.

Praxair's breakthrough technology was developed to specifically control the freezing step of lyophilization, a method of drying pharmaceuticals whereby the material is frozen and then warmed in a vacuum so that the ice vaporizes. Until now, this freezing step of lyophilization was uncontrolled due to the random nature of the nucleation or crystal-forming process. Praxair's new *ControlYo* technology now makes nucleation control a reality by controlling the nucleation temperature to within 1°C of its freezing point. The results are improved product uniformity, quality and yield, and a reduction in cycle times by as much as 40%.

"With the combined strength of SP Scientific's leading line of laboratory lyophilizers and Praxair's *ControlYo* nucleation on-demand technology, drug manufacturers can consider a variety of formulations during drug and process development. *ControlYo* technology enables precise control of the lyophilization process using one of the most advanced and innovative freeze-drying tools on the market today," said Rich Jarrett, director of Business Development for Praxair's Biopharma business.

According to Bill Downs, SP Scientific's chief operating officer and executive vice president, "Praxair's technology fits perfectly with our mission of offering customers the most technically advanced freeze-drying equipment and tools to improve their overall economics and processes. We are very excited about the combination of Praxair's technology and our advanced lyophilizers and tools used to help customers with their freeze-drying needs."

About SP Scientific

SP Scientific (www.spscientific.com), is a leading manufacturer of laboratory-to-production scale freeze dryers / lyophilizers, centrifugal evaporators and concentrators, thermal control system and glassware washers. The company sells its products under well-known brands including VirTis®, FTS™, Genevac® and Hotpack®. SP Scientific has ISO 9001:2008 registered production facilities in the USA and Europe.

About Praxair

Praxair is the largest industrial gases company in North and South America, and one of the largest worldwide, with 2009 sales of \$9 billion. The company produces, sells and distributes atmospheric, process and specialty gases, and high-performance surface coatings. Praxair products, services and technologies bring productivity and environmental benefits to a wide variety of industries, including aerospace, chemicals, food and beverage, electronics, energy, healthcare, manufacturing, metals and others. More information on Praxair is available on the Internet at www.praxair.com.

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