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## **USI's PRISM-500 Selected for Precision Coating App at European Biomedical Company**

Haverhill, MA, USA, April 5, 2018 – Ultrasonic Systems, Inc. (USI) announced today the installation of its PRISM-500 high-speed, high performance spray coating system at a European-based medical company that sells instruments used to perform medical diagnostic tests. USI's patented, nozzle-less tCAT ultra-Thin Coating Application Technology was chosen to apply an activation agent (coating) to the surface of a biomedical diagnostic instrument carrier that holds multiple test samples.

USI's tCAT ultrasonic spray technology is a novel application method that deposits an ultra-thin, uniform and defect-free coating to the test substrates, which are about the size of a playing card and contain multiple test locations used for diagnostic testing.

With coating transfer efficiency of up to 99% and finished film thicknesses as low as the sub-micron range, the PRISM-500 handles high-precision applications. USI's nozzle-less design delivers a much thinner and uniform coating layer than is possible with nozzle-based spray coating systems.

“Our systems provide a superior solution for a variety of medical applications ranging from implantable devices to diagnostic tools. Applied coatings include drug eluting coatings,

reagents, protective coatings, and more,” said Stuart Erickson, President of USI. “We meet the real-world needs of medical device manufacturers.”

USI’s PRISM systems provide greater process control and uniformity than other spray technologies can deliver. The product line includes PRISM-400, PRISM-500, PRISM-800, and PRISM-1200 for larger format coating applications.

**About Ultrasonic Systems, Inc.**

Ultrasonic Systems, Inc. (USI) has developed, engineered, and manufactured high-performance spray coating equipment based on proprietary, nozzle-less ultrasonic spray head technology for over twenty years. With thousands of installations worldwide, USI serves customers in multiple markets spanning solar, fuel cell, semiconductor, implantable medical devices and other industries. USI supports customers with worldwide distribution and comprehensive technical service and support.

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