



Norman Noble Integrates Robotic Automated Electropolishing at Ohio Facility *Enhances Quality and Efficiency*

HIGHLAND HEIGHTS, OHIO – March 18, 2025 – Norman Noble, Inc., a leader in ultra-precision micromachining for the medical device and implant industry, has implemented cutting-edge robotic electropolishing technology at one of its Ohio facilities. This state-of-the-art system is a fully automated, closed-loop process that eliminates human intervention, ensuring repeatability and efficiency in finishing metallic-based medical implants. By leveraging advanced robotics and process control, Norman Noble continues to set the benchmark for precision finishing in medical device manufacturing.

Electropolishing is a vital post-processing step that enhances surface finish, improves corrosion resistance, and removes micro-burrs from complex geometries. The integration of robotics into this process mitigates variability associated with manual operation, delivering uniform, high-quality results across high-volume production runs.

“The addition of fully automated robotic electropolishing aligns with our strategic initiatives to enhance quality and reduce costs for our customers,” said Eric Lehuta, Director of Engineering at Norman Noble. “By eliminating human variability, we achieve the consistency and precision required for intricate stent designs and other high-performance medical implants. This advanced automation ensures unparalleled repeatability and process control, ultimately improving manufacturing efficiency and delivering superior product quality to our customers.”

With this latest advancement, Norman Noble further strengthens its position as a premier contract manufacturer for medical device and implant OEMs, offering vertically integrated solutions that encompass micromachining, laser processing, advanced finishing, and quality inspection. The company’s continued investment in robotics highlights its dedication to pushing the boundaries of manufacturing innovation, optimizing production workflows, and delivering superior quality products for its customers.

About Norman Noble, Inc.

Established over 75 years ago, Norman Noble, Inc. remains a family-owned and -operated company offering the most advanced processes for ultra-precision micromachining of medical implants. The company is known for its exceptional ability to produce nitinol-based implants and to achieve sub-miniature precision beyond the reach of most manufacturers. Norman Noble, Inc. is a supplier to most of the largest OEMs and well-known names in the medical device industry.

Norman Noble manufactures medical devices and implants to customer specifications in compliance with FDA regulations and ISO 13485. State-of-the-art processes include athermal laser machining, laser welding, Swiss turning and milling, conventional and wire EDM, high-speed 7-axis contour milling, electropolishing, nitinol shape setting, and clean room assembly and packaging. Rapid development prototyping services are available in separate and fully dedicated process development centers. FDA Registration #1531050. Virtual tour and more information: www.nnoble.com.

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