



**FOR RELEASE:** Immediately  
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## **Nordson SELECT Automatic Solder Nozzle Tinning System Ensures Consistent Quality**

**Unique automatic solder nozzle tinning system meticulously cleans and re-tins solder nozzle stabilizing surface tension ensuring uniform solder flow**

**Liberty Lake, WA, USA – 16 July 2018** – Nordson SELECT, a Nordson company (NASDAQ: [NDSN](#)), announces its automatic solder nozzle tinning system is available for all Nordson SELECT selective soldering machines which is compatible with lead-free and tin-lead solder alloys.

Other selective soldering machines incorporate various types of automatic solder nozzle cleaning to minimize machine downtime by eliminating manual nozzle cleaning. These different methods include ultrasonic nozzle cleaning, spraying or brushing the solder nozzle with adipic acid or organic acid, or spraying a liquid or powdered flux directly onto the outer surface of the solder nozzle. While these methods clean the solder nozzle by removing residues, they do not necessarily perform a re-tinning of the solder nozzle which is critical to improving the flow characteristics of the molten solder.

An alternative method is to have the flux encased within a solder wire until the moment it is presented to the solder nozzle which is cleaner for the machine and provides a more precise placement which is critical when cleaning and re-tinning smaller diameter solder nozzles. To resolve the issue of ineffective nozzle cleaning and re-tinning, Nordson SELECT has developed an automatic solder nozzle tinning system that eliminates spraying altogether. This patent pending system uses a proprietary flux core solder wire to meticulously clean and re-tin the solder nozzle in a single integrated operation.

The advantage of the automatic solder nozzle tinning system is that it removes oxides and residues from the solder nozzle improving solder flow to ensure consistent soldering quality. Since the automatic solder nozzle tinning system does not produce overspray or contamination of the printed circuit board assembly or selective soldering machine, it is advantageous for clean production shop floor environments where caustic materials are not permitted.

For information contact Nordson SELECT at [sales.usa@nordsonselect.com](mailto:sales.usa@nordsonselect.com), call +1.509.924.4898, or visit our website [www.nordsonselect.com](http://www.nordsonselect.com).

### **About Nordson SELECT**

[Nordson SELECT](#), is a leading worldwide supplier of selective soldering systems including Novo™ standalone machines offering exceptional value and superior process capability ideal for batch production, Cerno™ in-line systems delivering uncompromised quality and productivity for demanding

soldering applications, and Integra™ multi-station modular systems designed to meet the most challenging high-volume requirements by combining parallel processing with multiple soldering nozzles for the ultimate in flexibility and maximum throughput. To find out more, visit [www.nordsonSELECT.com](http://www.nordsonSELECT.com), or on social media.

### **About Nordson Corporation**

Nordson Corporation engineers, manufactures and markets differentiated products and systems used to dispense, apply and control adhesives, coatings, polymers, sealants, biomaterials, and other fluids, to test and inspect for quality, and to treat and cure surfaces. These products are supported by application expertise and direct global sales and service. Nordson serves a wide variety of consumer non-durable, durable and technology end markets including packaging, nonwovens, electronics, medical, appliances, energy, transportation, construction, and general product assembly and finishing. Founded in 1954 and headquartered in Westlake, Ohio, the company has operations and support offices in nearly 40 countries. Visit Nordson on the web at <http://www.nordson.com>, [@Nordson Corp](https://www.facebook.com/nordson), or [www.facebook.com/nordson](http://www.facebook.com/nordson).

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