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Nordson Electronics Solutions receives EM China Innovation award for the new ASYMTEK Select Coat® SL-1040 Conformal Coating System

Recognized at the Productronica China tradeshow, the SL-1040 elevates coating performance with improved yield and uptime for automotive electronics reliability

- High resolution image: <https://nordson.pub/202404prawemc>

Carlsbad, CA, USA – 29 April 2024 – [Nordson Electronics Solutions](https://www.nordson.com), a global leader in electronics manufacturing technologies, received the conformal coating equipment award from EM Asia China for the new ASYMTEK [Select Coat® SL-1040 conformal coating system](#), at an award ceremony during Productronica China, held March 21 in the Shanghai New International Expo Centre, Shanghai, China.

The SL-1040 system, publicly introduced in November 2023, is the most advanced [conformal coating solution](#) for high-volume production for printed circuit assembly. Designed to meet the dynamic demands of electronics manufacturers, especially for automotive electronics, the SL-1040 includes system-level advancements to elevate automation, control, precision, and preventive maintenance for better yield and uptime with features that improve total cost of ownership.

“Conformal coating is important for reliable automotive electronics, and customers want to apply the coating correctly the first time to avoid any rework. We developed the SL-1040 to achieve a great system for this purpose,” stated Jacky He, automotive commercial head, Nordson Electronics Solutions, China. “We are honored that the technology innovation of this new conformal coating system was recognized.”

The award recognized the SL-1040 conformal coating system for these features:

- Innovation: The SL-1040 pairs new process control and new maintenance using the new SC-450 PreciseCoat® Jet and enhanced EasyCoat® software, ideal for high-volume production.
- Cost effectiveness: Densely populated printed circuit boards require increased precision with higher throughput. SL-1040’s performance avoids keep-out zones, while offering consistent set-

up, closed-loop feedback, traceability, and data logging for Industry 4.0. Ideal for coating individual parts and entire boards.

- Speed/Throughput improvements: Dual and triple applicators maximize throughput, while flexible features drive better yields through efficient changeover, traceability, and set-up consistency.
- Quality Contribution: Highly selective, small-volume coating accuracy near the tightest KOZs, narrow line widths down to 1.5 mm when the SL-1040 is equipped with the SC-450. Repeatable fluid placement, coverage uniformity, and fluid thickness.
- Ease of use / Maintainability / Repairability: A new ultrasonic cleaning station simplifies nozzle cleaning to improve uptime and cost of ownership. Standard configurations of the SL-1040 include advanced safety features, ESD-safe components, and compliance to standards including SMEMA, CE, NFPA, and SEMI.
- Technology advancement: Conformal coating enables the ruggedizing of electronic devices because coating materials protect electronics from harsh environments to assure reliable performance. To be highly reliable, coatings must be selectively applied to avoid keep out zones and critical components, like connector pins, test points, relays. Selective coating equipment, versus broadcast spraying or dipping that require masking, coats only the desired regions of the board. Advanced automated equipment like the SL-1040 is an advanced way to increase yield, increase throughput, and reduce the process cost of conformal coating.

Visit the website to learn more: <https://www.nordson.com/electronics>.

IMAGE CAPTION: Nordson Electronics Solutions receives EM China Innovation award for the new ASYMTEK Select Coat® SL-1040 Conformal Coating System. The award was accepted by Jacky He, automotive commercial head, Nordson Electronics Solutions, China at the Productronica China 2024 tradeshow. The SL-1040 conformal coating system elevates coating performance with improved yield and uptime for automotive electronics reliability. The SL-1040 includes system-level advancements related to automation, process control, precision, and preventive maintenance for better yield and uptime, meeting the demands of electronics manufacturers for high-volume production for printed circuit assembly.

About Nordson Electronics Solutions

[Nordson ELECTRONICS SOLUTIONS](#) makes reliable electronics an everyday reality. Through our ASYMTEK, MARCH, and SELECT brands, we supply the world's [semiconductor](#), [printed circuit board](#), and precision assembly manufacturers with the innovative fluid dispensing, conformal coating, selective soldering and plasma surface treatment solutions they need to protect sensitive electronics. Day after day, year after year, across the globe, for over 35 years, we've delivered cutting-edge engineering and applications excellence to help our customers succeed.

About Nordson Corporation

Nordson Corporation (NASDAQ: NDSN) is an innovative precision technology company that leverages a scalable growth framework to deliver top tier growth with leading margins and returns. The Company's direct sales model and applications expertise serves global customers through a wide variety of critical applications. Its diverse end market exposure includes consumer non-durable, medical, electronics and industrial end markets. Founded in 1954 and headquartered in Westlake, Ohio, the Company has operations and support offices in over 35 countries. Visit Nordson on the web at www.nordson.com.

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