



FOR IMMEDIATE RELEASE

3M and Nordson Form Joint Agreement to Serve Consumer Electronics Manufacturers
Agreement Delivers Total Assembly Solution

St. Paul, Minn. – April 25-27, 2012 – NEPCON SHOW; Booth #1D10 – 3M, a leader in electronics bonding solutions, and Nordson Corporation, one of the leading producers of precision [dispensing equipment](#), today announced a joint agreement to provide a total assembly solution to consumer electronic customers. The agreement formalizes collaboration between the two companies and increases customer responsiveness from design through scale up.

Through the agreement, Nordson Corporation will provide their Unity™ series robotic hot melt systems to deliver easy handling and precise dispensing of 3M Plastic Bonding Adhesives for manufacturing smartphones, tablets and computers. 3M and Nordson are trusted suppliers in the consumer electronics market with a number of common customers. In addition, the companies are approved suppliers with leading original equipment manufacturers, original design manufacturers and electronic manufacturing solution providers.

“Creation of this 3M and Nordson agreement reinforces our ongoing commitment to the mobile device and consumer electronics market,” says John Schnarr, director, strategic marketing at Nordson. “Collaboration between our two companies will help us more rapidly identify and address growth opportunities and market shifts that our customers will face. In such a fast-paced and dynamic market, every minute, if not every second, can be critical to ongoing business success.”

Nordson Unity dispensing systems provide accurate dispensing and optimize efficiency of heated materials from 30 cc syringes, and are ideally suited to dispense heated polyurethane adhesives. Unity dispensers help extend the useful life of the syringe to maximize material use and minimize residual waste. With a variety of systems and accessories, Unity solutions can be configured to meet specific requirements.

Plastic Bonding Adhesives from 3M create strong bonds between parts and are easy to use for fast assembly. These adhesives are ideal for consumer [electronic assembly](#) applications, which require thin bond lines and narrow bond widths. While strong in performance, these adhesives have a unique characteristic that also enables easy part disassembly to facilitate rework, repair and recyclability. Manufacturers can thus fix damaged parts, salvage expensive device components, and reduce their amount of electronic waste, ultimately keeping costs down all throughout the product lifecycle. Disassembly and rework are achievable with moderate heating (~80°C or 176°F) and pressure.

“We are committed to providing the best quality products and services to our electronics customers,” said Tony DeRose, business unit manager at 3M. “Offering them a total assembly solution that utilizes Nordson expertise in equipment design and fabrication, plus 3M expertise in liquid adhesives, is part of that commitment. We are excited to formalize our relationship with

Nordson to help ensure our customers’ processes and expectations are met for their consumer device assembly challenges.”

According to 3M, the joint agreement with Nordson helps round out the company’s comprehensive offering of electronics bonding solutions, which includes pressure-sensitive tapes that can be die-cut to virtually any form and shape to meet the applications and responsiveness requirements for our customers.

For more information regarding the breadth and depth of 3M electronics bonding solutions visit www.3M.com/electronicbonding.

About 3M

3M captures the spark of new ideas and transforms them into thousands of ingenious products. Our culture of creative collaboration inspires a never-ending stream of powerful technologies that make life better. 3M is the innovation company that never stops inventing. With \$30 billion in sales, 3M employs 84,000 people worldwide and has operations in more than 65 countries. For more information, visit www.3M.com or follow @3MNews on Twitter.

About Nordson

Nordson Corporation delivers precision technology solutions that help customers increase speed, productivity and up-time, enable new products and features, and decrease material usage. The company engineers, manufactures and markets differentiated products and systems used for [dispensing adhesives, coatings, sealants, biomaterials and other materials](#), [fluid management](#), [testing and inspection](#), and [UV curing and surface plasma treatment](#), all 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, building and construction, and general product assembly and finishing. Founded in 1954 and headquartered in Westlake, Ohio, the company has operations and support offices in more than 30 countries. Visit Nordson at www.nordson.com, twitter.com/Nordson_Corp, or Facebook.com/Nordson.

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Contact:

Stephani Simon
Orange Communications
(612) 677-2021
ssimon@orange77.com

or

Colleen Harris
3M Public Relations
(651) 733-1566

From:

3M Public Relations and Corporate Communications
3M Center, Building 225-1S-15
St. Paul, MN 55144-1000