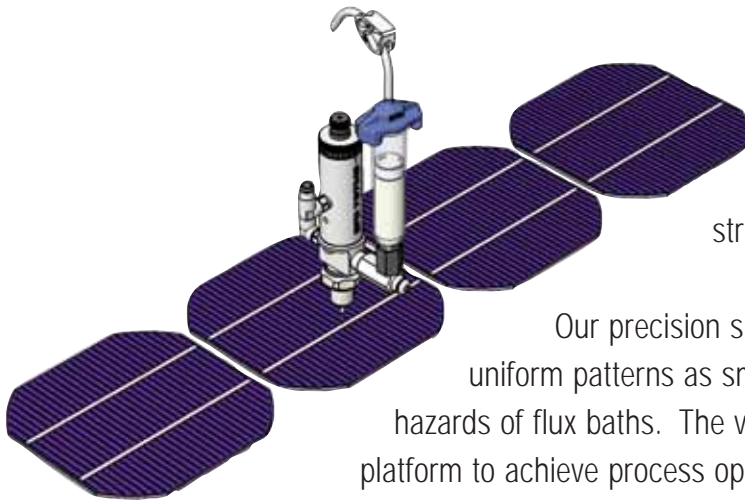


Stringing and Tabbing: Flux



Nordson EFD has provided hundreds of precision spray valves for dispensing flux during solar module stringing and tabbing processes.

Our precision spray valves provide the ability to apply liquid flux in uniform patterns as small as 2.0 mm wide, eliminating the mess, waste and hazards of flux baths. The valves can be easily integrated into any manufacturing platform to achieve process optimization.

Nordson EFD offers a variety of proven products to support this application:



781 Precision Spray Valve & 787 MicroSpray™ Valve

- Controlled application improves cell reliability and efficiency
- Ideal for liquid flux applications
- Eliminates mess and safety issues of flux bath
- Eliminates discoloration from overapplication
- Non-contact dispensing - Ideal for use on uneven substrates



PICO™ Jet Dispensing System

- Non-contact dispensing - Ideal for use on uneven substrates
- Ideal for liquid or paste flux
- Continuous cycle rates up to 150 shots/second
- Dot diameters down to 0.5 mm



Performus™ Dispensers

- Improved process control in manual and automated assembly operations
- Fast, consistent epoxy application
- Accurate, uniform dots and lines



FluxPlus™ Paste Flux

- Apply as dots or continuous coating
- Superior wetting for greater cell efficiency

Stringing and Tabbing: Flux

Nordson EFD is the world's leading manufacturer of precision dispensing systems for applying controlled amounts of adhesives, sealants, solder paste and other fluids used in photovoltaic manufacturing and other industrial assembly processes.

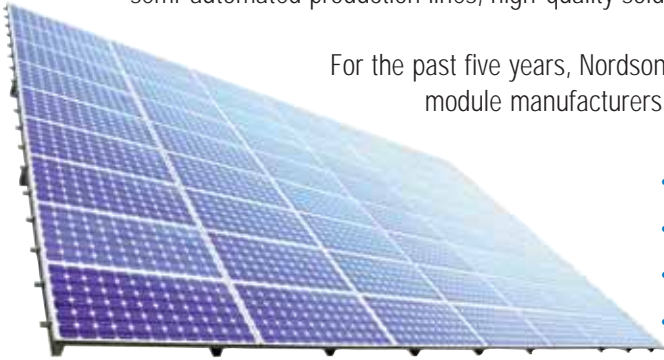
Our products include operator-controlled benchtop dispensers, precision dispense valves for automated and semi-automated production lines, high-quality solder paste and flux, and tabletop dispensing robots.

For the past five years, Nordson EFD has been working closely with both equipment and module manufacturers toward the ultimate goal of:

- Generating higher yields
- Generating greater cell efficiency and reliability
- Providing the lowest cost per watt
- Reducing rework and rejects
- Lowering production costs

With more than 40 years of dispensing experience and local support in 30 countries, Nordson EFD has the unique ability to support the integration of our technology and ensure its effective operation, regardless of global location.

Contact us today for a complimentary and confidential process evaluation.



For Nordson EFD sales and service in over 30 countries, contact EFD or go to www.nordsonefd.com

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