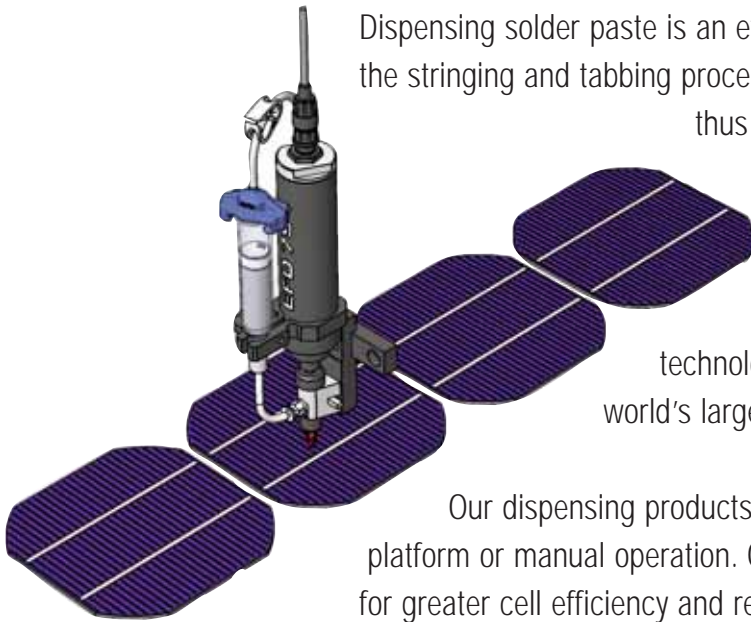


Stringing and Tabbing: Solder Paste



Dispensing solder paste is an effective alternative to solder-coated copper ribbon during the stringing and tabbing process. Solder paste allows for lower process temperatures, thus improving yields. The precision dispense of solder paste also provides for material optimization, further reducing manufacturing costs.

Nordson EFD has supplied our industry-leading dispensing technologies and specialty solder formulations to some of the world's largest module manufacturers.

Our dispensing products are designed for easy integration into any manufacturing platform or manual operation. Our flux-rich solder formulations provide superior wetting, for greater cell efficiency and reliability.

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



SolderPlus™ Solder Paste

- Winner of 2009 International Solar Cell Award for Best Technical Product for Photovoltaic Module Assembly
- Solder applied as uniform dots or lines
- Superior wetting for maximum cell efficiency
- Specialty formulations to meet each customer's specific requirements



794 Auger Valve

- Fast accurate solder application on automated and semiautomated production lines
- Reliable, low-maintenance design reduces downtime
- Replaceable fluid path supports continuous operation
- Easily integrated into automated systems



Performus™ Dispensers

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

Stringing and Tabbing: Solder Paste

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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