

Electrical Components: Junction Box Manufacturing



Dispensing-grade solder paste is a productive alternative to solder wire when soldering diodes and other components inside junction boxes. Unlike solder wire, solder paste can be applied in accurate, consistent amounts for greater process control. It provides thorough wetting that ensures reliable solder joints, and can be used with a variety of reflow methods, for greater process flexibility.

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



SolderPlus™ Solder Paste

- Can be applied as consistent dots or uniform lines
- Superior wetting for maximum efficiency and reliability
- Can be reflowed with a variety of methods, for greater process flexibility
- Available in a wide variety of standard and custom formulations



794 Auger Valve

- Fast accurate solder dispensing on automated and semiautomated production lines
- Reliable, low-maintenance design reduces downtime



Performus™ Dispensers

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

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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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