

# Dual Solder Nozzle Pot and Pump

## Greater Process Flexibility and Increased Soldering Efficiency

### Features and Benefits

- Allows two different size solder nozzles to operate in tandem for single pass soldering of various thermal mass components
- Each solder nozzle can be individually programmed for solder volume and wave height for a wide variety of component types
- Fully compatible with 3-25 mm quick change magnetically coupled bullet nozzles and 4-25 mm mini-wave solder nozzles
- Available for tin-lead or lead-free solder alloys with lead-free solder pot constructed of titanium for resistance to corrosive alloys
- Interchangeable with single nozzle and 75 mm wave nozzle pot and pump assemblies

**Overview.** The Dual Solder Nozzle Pot and Pump assembly allows single pass soldering of printed circuit boards with a diverse array of different size components for greater process flexibility.

Small components can be soldered using as small as a 3 mm nozzle and in the same pass larger, multi-row connectors can be soldered with up to a 25 mm solder nozzle without manual intervention. Each nozzle is independently powered by its respective pump allowing solder volume and wave height to be individually programmed and controlled.



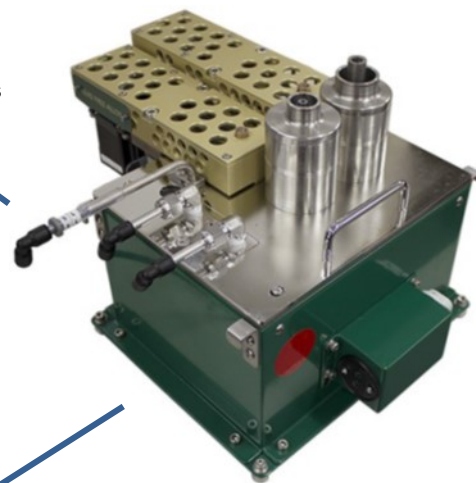
Dual solder nozzles with independent Z-axis control



Quick change nozzles



Independent solder pumps and Z-axis control



**Integrated Solution.** The Dual Solder Nozzle Pot and Pump assembly fully integrates with closed-loop process controls embedded in Nordson SELECT's SWAK-OS 4.0 software providing seamless operation for your selective soldering process. Nordson SELECT's closed-loop process controls enable successful results for a full range of soldering applications and ensures stable and repeatable results for high-yield production.

**Experience.** With over a decade of selective soldering experience and more than a thousand systems currently in production, Nordson SELECT is committed to providing innovative solutions for all selective soldering needs. Our global support network, including state-of-the-art application development labs, provides customers with world-class know-how and application expertise.

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## Available Models

Tin-lead solder alloy:      Stainless steel construction  
Lead-free solder alloy      Titanium construction

The Nordson SELECT Dual Solder Nozzle Pot and Pump assembly can be integrated side-by-side with a standard atomizing spray flux applicator or FluxJet precision flux dispenser to create a dual soldering and fluxing system capable of both site-specific flux deposition and mass flux application.

For more information, speak with  
your local representative or  
contact your regional office.

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