

75 mm Wave Solder Nozzle and Pump

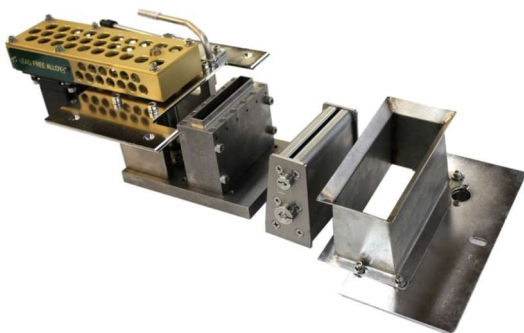
Greater Soldering Process Capability and Increased Throughput

Features and Benefits

- Provides a wide continuous application of molten solder with up to 6 mm of free standing depth for long component leads
- Nitrogen inerted nozzle is programmable to solder left-to-right or right-to-left and can solder around circuit board obstacles
- Process parameters including travel speed, soak time and solder temperature are fully controllable for individual circuit boards
- 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 dual solder nozzle pot and pump assemblies

Overview. The 75 mm Wave Solder Nozzle and Pump assembly provides an economical solution for updating legacy tin-lead wave soldering applications to lead-free while eliminating the potential cost of purchasing an entirely new wave soldering machine.

The 75 mm wide wave nozzle is software controlled and can emulate the functionality of a traditional wave soldering process. The solder nozzle follows predetermined paths to avoid areas that do not require soldering and eliminating masking.



75 mm wave solder nozzle and pump assembly



75 mm wave nozzle



Total wave soldering process control



Integrated Solution. The 75 mm Wave Solder Nozzle 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.

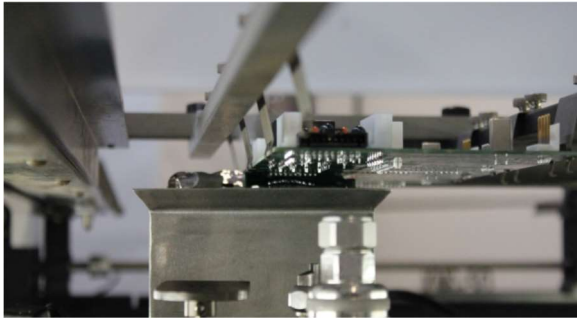
Experience. With over a decade of selective soldering experience and more than a thousand systems currently in production, Nordson SELECT is committed to providing innovative solutions for all selective soldering needs. Our global support network, including state-of-the-art application development labs, 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 75 mm Wave Solder Nozzle 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.



75 mm wave solder nozzle soldering multi-pin component

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

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