Overview. The FluxJet Precision Drop-Jet Flux Dispenser is designed to control and dispense single drops of flux or a continuous flux pattern as small as 2 mm wide ideal for single terminations close to adjacent SMT components. The continuous deposition is perfect for fluxing headers, connector pins or other multi-pin through-hole components.

Integrated Solution. The FluxJet Precision Drop-Jet Flux Dispenser 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.

Features and Benefits

- Precise on-demand drop-jet application of flux to target locations without overspray
- Provides true no-clean processing since flux is mitigated by solder nozzle without flux residue or ionic contamination
- Compatible with alcohol-based, water-soluble or rosin-based flux chemistries up to 33% solids content or fluxes as low as 2.5 pH
- Modular design allows for easy servicing providing fully maintainable and serviceable production environment
- Ideal for micro flux deposition of flux to small solder sites with unparalleled accuracy and minimal flux consumption

Single flux drops or continuous pattern fluxing
FluxJet Precision Drop-Jet Dispenser

**Compatible Flux Chemistries**
- Alcohol-based fluxes
- Water-soluble fluxes
- Rosin-based fluxes
- High solids content fluxes
- Low pH fluxes

**Specifications**
- Nozzle orifice size: 130 µm standard
- Practical drop size: 2-4 mm (adjustable)
- Drop Frequency: 0-90 Hz
- Practical deposition range from PCB: 12-55 mm
- Max. solids content: 33%
- Min. pH: 2.5

**Application Note**
The Nordson SELECT FluxJet Precision Drop-Jet Flux Dispenser is recommended for no-clean processing when printed circuit boards will not be cleaned after selective soldering.

The FluxJet Precision Drop-Jet Flux Dispenser can be integrated side-by-side with a standard atomizing spray flux applicator to create a dual fluxing system capable of both site-specific flux deposition and mass flux application.

Dual flux heads, drop-jet and atomizing spray

Compatible with Novo® 102, 103, Cerno® 102IL, 103IL, 105IL, Integra® 103ILD and Flux & Preheat models

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