Closed-Loop In-Process Flux Verification
Verifies Micro-Deposition and Accuracy of Flux Application

Features and Benefits

- In-process closed-loop system verification ensures flux is mitigated by solder nozzle without residue or ionic contamination
- Fully compatible with MicroDrop drop-jet flux dispenser to verify accuracy of flux application
- Modular design allows for easy servicing providing fully maintainable and serviceable production environment
- Ideal for micro-deposition of flux to small solder sites with unparalleled accuracy and minimal flux consumption
- Available on Cerno® 508.1, Integra® 508.2, 508.3, 508.4 and 508.5 models

Overview. The In-Process Flux Verification is designed to ensure the drop-jet dispenser is producing a narrow flux deposition pattern with minimal deflection of flux droplets. This process check ensures that flux satellites do not occur if deflected in the event of a partially clogged drop-jet orifice which can compromise no-clean processing.

The PhotoScan software integrated with the In-Process Flux Verification system provides the necessary drop frequency control of the drop-jet dispenser to ensure true no-clean processing.

Integrated Solution. The In-Process Flux Verification system fully integrates with closed-loop process controls contained in Nordson SELECT’s PhotoScan 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.
Closed-Loop In-Process Flux Verification

Compatible Flux Chemistries
Alcohol-based fluxes
No-clean fluxes

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

Compatible with Cerno® 508.1, Integra® 508.2, 508.3, 508.4 and 508.5 models

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Published 2019-10-16

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