Immersive Quadra Pro Curved Display

Quadra Pro Joystick

HMI Mount

Keyboard Tray

Windows 11 PC

REVALUTION Upgrade Kit

For RUBY XL 20W only (PN: 7948739)

Nordson
Test & Inspection

Upgrade Your Ruby XL Experience

Upgrade your Ruby XL today with the latest hardware and software installation. Nordson's new Revalution software combined with Nordson Intelligence future proof your investment and unlock the power of the latest software, technologies & AI.

N-Intelligence AI *OPTIONAL EXTRA*

X-Plane Pro *OPTIONAL EXTRA*

Revalution Software
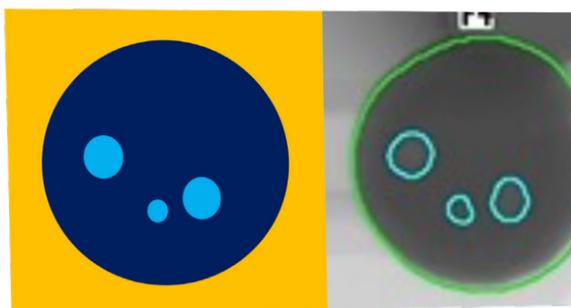
AI BGA Voiding

Nordson Intelligence AI BGA Voiding simplifies the inspection increasing the accuracy of your result, by removing operator decision inconsistency and reducing cycle time.

BGA Void Inspection Evolved

Nordson's Machine Learning (ML) models are trained for BGA voiding inspection applications and then optimized for the user's specific application requirements.
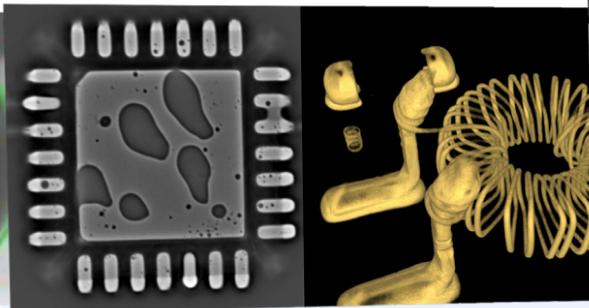
Cloud-based Model Retraining

The connection between customers data and Nordson's AI enables continues improvement – putting more power into the hands of the user – ultimately to improve processes, productivity and yields.

AI Roadmap

AI BGA Voiding is the first of many AI features that will be released.

X-plane Evolved

Discover a new era of imaging with X-Plane. Delivering crystal-clear results through industry-leading reconstruction and advanced artifact reduction, it ensures every detail is captured with precision. Enhanced digital filters bring unmatched clarity, while fiducial-free operation makes scanning effortless—just point and shoot. With built-in 3D visualization and analysis, you get instant insights without the complexity. Powerful technology, simplified for you.

Fast, easy 3D X-ray imaging

X-Plane Pro delivers high resolution 3D X-ray images of large objects such as printed circuit boards and electronics. By capturing multiple X-ray images at different angles around an object, a 3D model of the object can be created. Advanced reconstruction algorithms with intelligent artifact corrections deliver high quality 3D images. Enabling non-destructive 3D inspection of BGAs, QFNs, Flip Chips, Micro-bumps, TSVs.
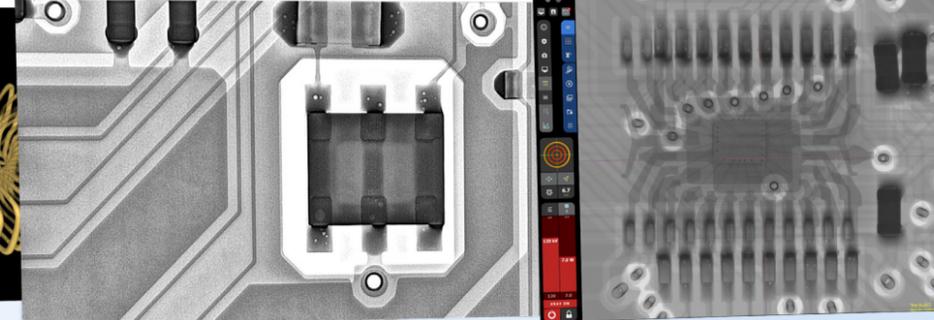
Next Gen Software

Designed specifically for high-end semiconductor applications, Revalution™ software enhances the user experience with an brand new intuitive interface, optimized workflow, and expanded functionality.

It enables operators to efficiently analyze and interpret inspection data, contributing to faster decision-making and improved overall productivity.

APT/HDR Live *OPTIONAL EXTRA*

HDR live allows small scale and low contrast defects like voids or cracks can be clearly seen without the need for windowing or contrast stretching.

The Auto Parameters Tuning (APT) feature is designed to make X-ray inspection much more intuitive. By automatically adjusting the X-ray settings such as voltage, current, and exposure. It optimizes image quality for the specific region of interest without requiring the operator to manually tweak parameters.

This is especially beneficial for operators with limited experience:

Consistency: It ensures uniform image quality across different inspections.

Speed: Reduces setup time since the machine handles parameter optimization.

Accuracy: Minimizes human error in selecting incorrect settings.

Ease of Use: Makes advanced imaging accessible to less experienced users.

AIR, filters & more

AIR has a new and improved workflow and user interface making AIR setup faster and more intuitive to use and maintain. Enhanced filters and measuring tools all improve workflow. N-Revalution has many more features and enhancements, upgrade your RUBY XL and experience N-Revalution.

FAQ

Can I get Revaluation on RUBY XL?
Yes. If you have RUBY XL 20W only (PN: 7948739), place a PO for:
7895611 – S RUBY XL Revaluation HW Upgrade
7891421 – REVA SW – Annual

If I have XPLANE on my RUBY XL do I need to buy again?
If your system already includes X-Plane, the Revaluation version (7891026) is added to your order Free of Charge (FOC). This ensures full compatibility at no extra cost for maximum value and seamless functionality.

Do I need to have annual Licence
Opt for the Annual Maintenance plan for better value—same price, plus updates, enhancements, and priority support. Keep your system optimized and performing at its best.

Can I buy a single version only?
Yes, but it costs the same as a 12-month Annual License. Choosing the annual plan gives you updates, enhancements, and priority support for greater value.

What happens after my Annual software license expires?
Renew to keep your system optimized with updates and new features for 12 months. Enjoy improved efficiency, accuracy, and long-term reliability.
Or
Keep using the current version, but it won't receive future improvements.

Can I get AI Software on RUBY XL?
AI features are available if the system has been upgraded and Revaluation is installed. You can simplify the inspection, increasing the accuracy of your results by removing operator decision inconsistency and reducing cycle time.

Unlock the power of AI with N-Intelligence for Revalution software

N-Revalution software unlocks all the latest features and technologies

Upgrade Your Ruby XL today and improve yields processes and productivity!

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

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