

S2G2-WS Series: The most powerful electromagnetic inspection platform

The S2G2-WS offers industry-leading signal quality, making it ideal for a variety of inspections. It is the perfect choice for tube inspections utilizing Eddy Current, Remote Field, and Near Field techniques, as well as surface inspections using Eddy Current Array, supporting up to 512 channels. The S2G2-WS-CT offers an economic alternative for conventional tube inspection requirements, while also retaining the ability to upgrade to array capabilities when you need them.

Battery-operated for full-shift autonomy, easy to use and customizable for your specific needs. The S2G2 series offers cutting-edge functionalities and an industry-leading signal-to-noise ratio, providing the cleanest and most reliable inspection data on the market.

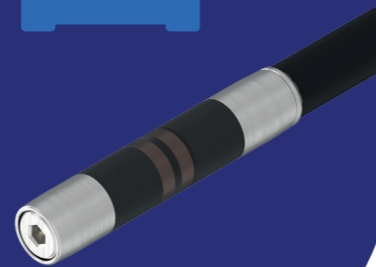


S2G2-WS
series

Techniques and probes

- ECT
- RFT
- NFT
- Pencil Probes
- ECA Surface probes:
SHAPE2, PAD2, WAVE
- Coming soon: - MFL
- Tube ECA

Probes



(EM)

MIRA

The integrated solution for tube inspection



Interested in our tube inspection solution?

contact@ekoscan-ndt.com

ekoscan-ndt.com

Advancing diagnostic solutions
Powering industrial inspections

EKOSCAN

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Powering industrial inspections

EKOSCAN



Data acquisition

Data analysis



S2G2-WS
S2G2-WS-CT

SG NDT or other
market probes



EMMA:
wizard setup



EMMA:
acquisition
& analysis



MIRA:
mapping
& report

Tube list export
Inspection planning

Results export
Report generation

A fully connected software ecosystem from data acquisition to engineering-ready reporting



(EM)
ElectroMagnetic
Measurement
& Analysis

EMMA

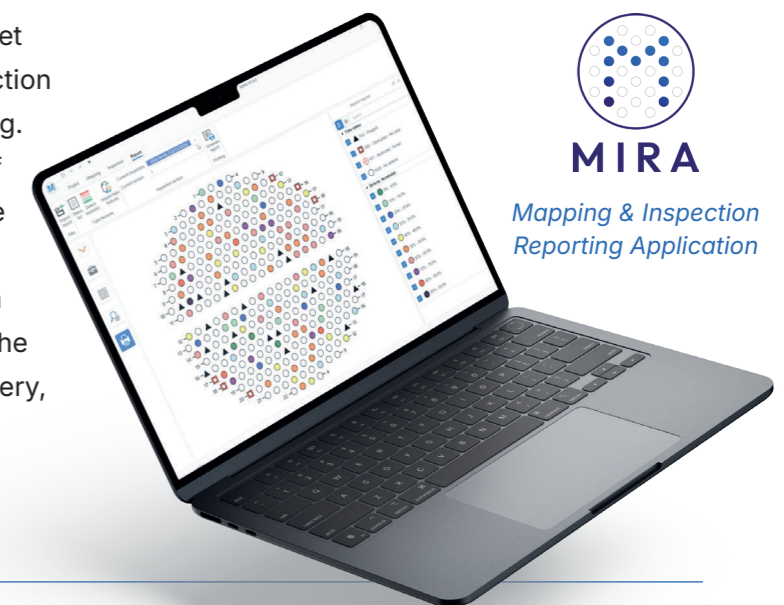
The intelligence behind every inspection

EMMA is the core software platform powering all Ekoscan electromagnetic inspection instruments. Developed through years of continuous R&D, it provides a powerful and intuitive environment covering inspection setup, data acquisition, and advanced analysis across multiple electromagnetic inspection methods. Designed for operational efficiency and data reliability, EMMA transforms complex inspection signals into clear, accurate, and actionable inspection results.

NEW MIRA

Turning inspection data into decisions

MIRA is our dedicated reporting and asset documentation platform, bridging inspection analysis and operational decision-making. By creating a structured digital record of inspected assets, MIRA enables lifecycle monitoring, campaign comparison, and longterm integrity tracking. The platform significantly reduces the time between the last tube inspected and final report delivery, enabling faster maintenance decisions such as tube plugging or retubing while minimizing downtime.



MIRA
Mapping & Inspection
Reporting Application

Integrated digital workflow

Together, EMMA and MIRA form a fully integrated digital workflow, ensuring faster inspections, improved traceability, and confident asset management decisions.

Acquire. Analyze. Report. Decide.

Industries & Assets

- Oil and Gas
- Nuclear
- Industrial cooling, HVAC
- Power generation
- Chemical, Petrochemical
- Heat exchangers
- Steam generators
- Condensers
- Chillers
- Air coolers
- Feedwater heaters
- Boilers

Key value proposition

- Complete inspection package: equipment, software and probes
- Fully integrated workflow from planning to reporting
- Intuitive user interface for efficient operation
- Advanced analysis and automated reporting tools
- Cost-effective solution focused on real operational value and maximized ROI.
- Reliable, high-quality signal, cutting-edge performance.

