

 Precision NDT Solutions for Aerospace

Our advanced portfolio offers specialized Non-Destructive Testing (NDT) systems covering all critical requirements:

- **Magnetic Particle Inspection (MPI)**: Achieve total coverage for large components with **AeroCheck Sentinel**, and high-speed efficiency for small hardware (bolts, screws) with **ECO Bolts**.
- **Fluorescent Penetrant Inspection (FPI)**: Rely on the modular **ModuFlow AeroCert** for comprehensive inspection of aircraft wheels and diverse components.
- **Eddy-Current Inspection (EC)**: Ensure fast, automated, and precise external surface testing of wheel rims using the **RimTrack Auto EC**.

We provide the targeted technology and precision control you need for complete aviation safety.

**ECO Bolts****AeroCheck Sentinel****ModuFlow AeroCert****RimTrack Auto EC**

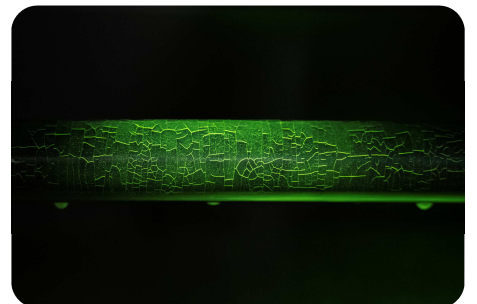
ECO BOLTS – Magnetic Particles Inspection Solution



The **ECO Bolts** is a focused Magnetic Particle Inspection (MPI) Solution specifically designed for the rapid and reliable testing of **small components** such as bolts, screws, and nuts.

This device features specialized, small-sized contact pads for efficient Current Flow and utilizes coupled coils with laminated cores for powerful Magnetic Flow. This design facilitates **fast inspection**, significantly reducing handling time while maintaining an **optimal and consistent inspection area**.

The **ECO Bolts** management is simplified by the **Integrated Analog Interface**, which is designed to provide **immediate control** and **maximum operational simplicity**. This makes the system easy to use and effective, even for less-experienced personnel.



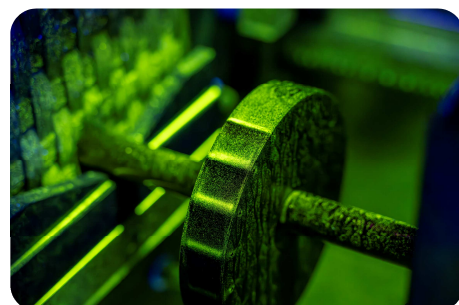
AEROCHECK SENTINEL – Magnetic Particles Inspection Solution



The **AeroCheck Sentinel** is a high-performance Magnetic Particle Inspection (MPI) Solution engineered for the thorough testing of **all aeronautic components**, highlighted by its integrated **Quick Break Circuit**.

This system's wide range of configuration options ensures it can easily perform accurate tests on virtually any component type. It utilizes soft contact pads for reliable Current Flow and a high-performance coil for effective Magnetic Flow.

The **AeroCheck Sentinel** is managed via an **advanced operator panel** which provides full control over machine parameters and secure supervision of every test cycle. A key feature is the **Integrated Quick Break Tester**, allowing operators to instantly verify the Quick Break functionality with a simple touch, ensuring continuous compliance and optimal performance.



MODUFLOW AEROCERT – Fluorescent Penetrant Inspection Solution

The **ModuFlow AeroCert** is the specialized **FPI (Fluorescent Penetrant Inspection) Solution** engineered for the detailed inspection of a **wide range of critical aircraft components**, focusing specifically on **Aircraft Wheels**.

Designed for maximum operational flexibility, this line is **fully modular** and supports **all major FPI methods** (Water-Washable or Post-Emulsifier). It features **multiple, configurable stations** to perfectly match your process flow and capacity needs.

Control is streamlined through two available versions: the **Integrated Analog Interface** offers immediate control and operational simplicity, while the **Advanced Operator Panel** provides full parameter control and secure supervision of every test cycle.

The **ModuFlow AeroCert** ensures your non-destructive testing is both **precise and reliably managed**.



RimTrack Auto EC – Eddy Current Solution



The **RimTrack Auto EC** is an advanced Eddy Current (EC) Solution designed for the **automated and precise inspection** of the external surface of aircraft wheel rims.

This system guarantees **fast and reproducible inspection** via automatic probe movement along a motorized axis that accurately tracks the wheel rim profile. Inspection integrity is ensured through calibration validated by a certified reference master containing a sample defect.

The unit is managed by an **intuitive control panel** which allows for the storage and retrieval of specific inspection 'recipes' for each wheel model.

The **RimTrack Auto EC** is available with a standard operator panel or an enhanced version featuring **C-scan visualization** and the immediate generation of detailed reports, ensuring **complete traceability** for all tests.