BRIO is an advanced surface inspection system combining the latest EC capabilities with a wearable data acquisition unit, wireless device connectivity, superior battery life, and intuitive and semi-autonomous software. To meet each inspection need and budget, BRIO is compatible with most probes and scanners in the market and is available in two versions; BRIO and BRIO+ with advanced ECA capabilities. Both versions also incorporate digital inputs and outputs for in-line integration in industrial and manufacturing environments.

The user-friendly interface streamlines your inspection process by allowing data to be screened and analyzed using the Impedance Plane display, requiring minimal interpretation by the user with greatly reduced risk of error. ECA probes available on BRIO+ increase scanning speed and efficiency and display results in a color-coded C-scan map of the scanned surface for easy identification of defects. Customizable reports deliver archivable NDE intelligence to your Quality and Reliability program.

Specific software tools and an extensive catalog of probes are available for the most common applications in aerospace, oil & gas, automotive, transportation, and power generation industries, including:

- Detection and sizing of fatigue cracks on rivets and fastener holes.
- Detection of corrosion under pillowing of multi-layer lap joints.
- Conductivity measurement.
- Non-conductive coating thickness measurement.
- Non-ferrous and ferrous weld inspection.
Save Time & Money & Information
BRIO is a cost-effective replacement for Liquid Penetrant Testing (PT) and Magnetic Particle Testing (MT) inspections. Minimal surface preparation and no exposure to chemicals. Estimate defect depth and size with signal comparison to a calibration signal, then record and save the inspection data and reports to back-up your Quality process.

Power & Efficiency of ECA
Up to 16 internally multiplexed data channels reduces inspection time and increases Probability of Detection in a single-pass scan compared to pencil probe inspections.

Real-time C-scan Imaging
Intuitive real-time C-Scan imaging allows the user to quickly locate potential indications on a 2D map and optimizes the EC signal analysis process.

Large Touchscreen Display
Utilize with ease accessing software menus and manipulating data using the 10.1" IPS LED Backlit display protected by chemically-strengthened glass and supporting multi-touch and glove touch operation.

Field Tough
Fully sealed and ruggedized to meet harsh environmental demands. Tested and certified to MIL-STD-810 and IP65.

Move Freely, Inspect Longer
The ultra-lightweight RDAU, tablet form factor, and wireless device connectivity is a system designed for increased mobility, convenience, and ergonomics. Leveraging the overall light weight with an off-the-shelf carry hands-free option such as a tablet chest mount means the user can spend more energy focusing on the inspection and less time managing bulky “hand-held” equipment.

Desktop Productivity for the Price of a Portable
The Windows-based BRIO software means the system can be run from any laptop or desktop PC. Take advantage of post-inspection data analysis and reporting from the comfort of an office chair. Connect the tablet to your LAN to move data quickly across your network. Seamlessly integrate the BRIO into your factory’s integrated inspection process.

Application

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<th>Non-Ferrous</th>
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<tr>
<td>Surface-breaking indications</td>
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<td>Near-surface indications</td>
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<tr>
<td>Far-surface indications</td>
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