



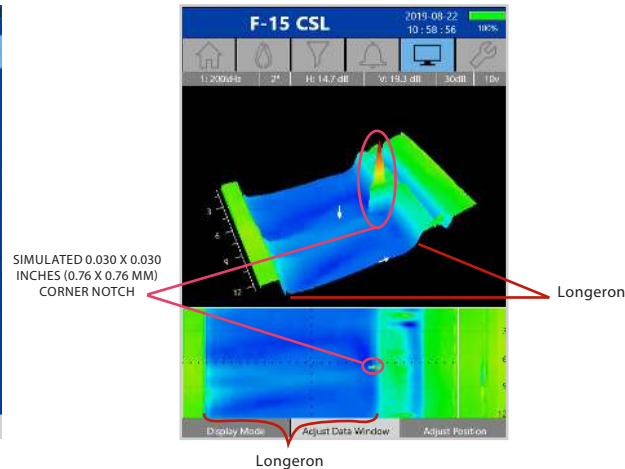
## Recommended Solution

A Zetec **MIZ®-21C Handheld Eddy Current Instrument** with **ZM-5** bolt hole scanner can eliminate the need for multiple inspectors by using a data buffer to store acquired data. This will allow an inspector to review the inspection area after each hole is inspected. Additionally, the data can be saved so it can be reviewed long after the inspection has been completed.

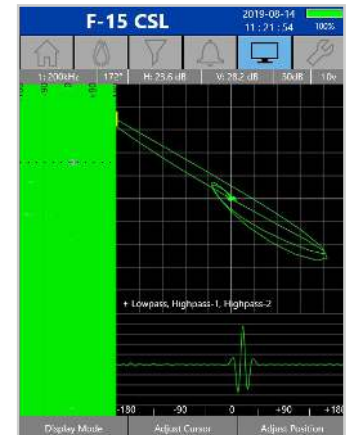
Multiple display modes provide more options for data review and analysis. While in C-Scan viewing mode, the inspector can also identify multiple layers of material in addition to capturing anomalies within the inspection area. The inspector can easily identify the longeron and is able to tell if the flaw is located within or outside the longeron. This eliminates the need to use probe stops to identify flaw location.



File Manager



Display Mode: Layer



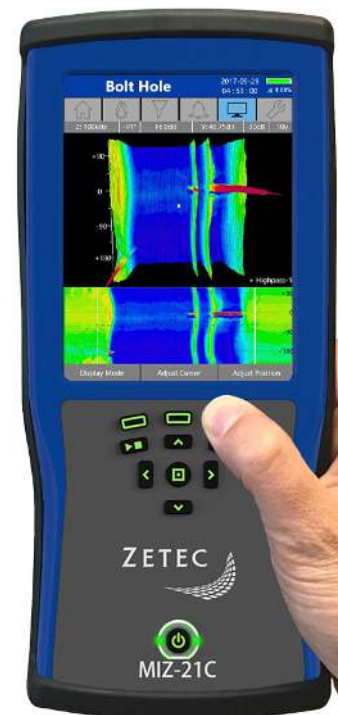
Display Mode: Sweep

## MIZ-21C Eddy Current Instrument

Fully integrated portable performance

### Advantages:

- **Ergonomic Design.** Small, lightweight and comfortable to handle in tight spaces. MIZ-21C minimizes arm fatigue common with other portable instruments.
- **Increase Uptime, Wherever You Go.** Features up to a ten-hour battery life so users can operate the unit for an entire shift without recharging. Replaceable batteries support 24 hour operation.
- **Data Buffer.** Review and save up to 60 seconds (or 10 meters) of data.
- **File Manager.** Save multiple data files for review at a later time.
- **Intuitive Touchscreen.** Quickly rotate, zoom and pan using the two finger capacitive display. The onscreen keyboard further increases user efficiency.
- **Universal Symbol Buttons & Multi-Language Software.** One model for worldwide use and deployment. Universal symbol buttons handle all functions and are ideal for gloved inspections.



## ZM-5 High Speed Rotating Scanner

Fully Array and Bolt-Hole technology combined

### Advantages:

- Small form factor for getting into tight inspection areas
- Fast inspection speeds with accurate, detailed results
- Designed to provide constant rotation speed under load (600 to 3000 rpm)
- Excellent detection of indications at material transitions and layers



### Total Solution Advantages

- ▶ Eliminates the need for multiple inspectors
- ▶ Identify the layers where flaws are located
- ▶ Excellent detection of cracking regardless of orientation
- ▶ Industry leading signal-to-noise ratio (SNR)
- ▶ Remarkable C-Scan presentations
- ▶ High level of detection in a rapid inspection

### The Zetec Advantage

Zetec is a global leader in nondestructive testing (NDT) solutions for the critical inspection needs of industries the world counts on every day—including aerospace, power generation, oil and gas, transportation, heavy industry and manufacturing. By integrating design and engineering with our own manufacturing, Zetec delivers solutions that optimize productivity, safety and total cost of ownership.

**For more information about the MIZ-21C instrument, ZM-5 rotating scanner or other Zetec products contact your local Zetec representative, email us at [info@zetec.com](mailto:info@zetec.com) or visit [www.zetec.com](http://www.zetec.com).**



Zetec holds ISO 9001  
and ISO/IEC 17025  
certifications



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