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News for the Food Processing and Packaging Industries

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**Eriez Launches X8-SF Simultaneous Frequency Metal Detector**

**ERIE, PA** – Eriez® today announced its X8-SF Simultaneous Frequency Metal Detector, expanding the company's PrecisionGuard X8 inspection platform with technology engineered to improve detection performance and reduce false rejects in demanding food processing applications.

The X8-SF incorporates simultaneous frequency capabilities, transmitting and receiving multiple frequencies at once to adapt to variations in product characteristics. This approach helps overcome inconsistencies in conductivity and composition, often referred to as 'product effect,' which can limit the effectiveness of conventional metal detectors.

By using a broader frequency spectrum, the X8-SF delivers more stable inspection performance across a wide range of food products, including fresh meat, poultry, and dairy. The result is improved sensitivity to metal contaminants while reducing unnecessary product waste caused by false rejects.

"Product effect has long challenged processors trying to balance sensitivity with stability," said Emmett Keim, Global Product Manager – Inspection Systems at Eriez. "The X8-SF changes that equation by maintaining consistent detection performance, even when product composition or temperature varies."

Like all models in the X8 line, the X8-SF features a robust hygienic design, an intuitive touchscreen interface, and integrated data capture to support traceability and compliance. Each system also includes Eriez' Quality Retail Compliance Kit (QRC) as standard, providing automated performance verification, audit-ready reporting, and documented inspection records to help processors meet strict retail and regulatory requirements.

The X8-SF will be on display at interpack 2026 (Hall 12 / C05), May 7-13, where visitors can see the system in action through live demonstrations.

For more information about the X8-SF Simultaneous Frequency Metal Detector, visit [eriez.com/X8-metal-detectors](https://eriez.com/X8-metal-detectors).



Established in 1942, Eriez is a global leader in separation technologies. Our commitment to innovation has positioned us as a driving market force in several key technology areas, including magnetic separation, flotation, metal detection, X-ray inspection, and material handling equipment. The company's 1,000+ employees are dedicated to providing trusted technical solutions to the mining, food, recycling, packaging, aggregate, and other processing industries. Headquartered in Erie, Pennsylvania, USA, Eriez designs, manufactures, and markets on six continents through 12 wholly owned international subsidiaries and an extensive sales representative network. For more information, visit [eriez.com](http://eriez.com).