

## X-Ray Technology from Eriez® Helps Ready Foods Inc. Eliminate Foreign Objects

Ready Foods has expanded and evolved from a manufacturer of Mexican food to a custom food processor, making a wide variety of products for restaurants nationwide. Their customers expect and deserve the highest level of purity, so any foreign objects must be eliminated. Foreign objects in bean processing usually take the form of metal and stones; the latter coming from field crops where the stones are picked up during harvesting. Ready Foods was already using Eriez® E-Z Tec® Metal Detectors to detect and remove metal fragments from their process. However, metal detectors are not capable of detecting other dangerous objects, including stones. Now, Ready Foods has taken the next step in product purity by installing an Eriez E-Z Tec X-Ray Inspection System to eliminate stones from its bean product. The stones were intermixed within the raw vegetables from the supplier and could not be found using metal detection alone. The Eriez X-Ray System is located on Ready Foods' packaging line off of their vertical fill and seal pouch machine. It detects foreign objects in pouches and automatically rejects off-spec products. The Eriez X-Ray Inspection System now serves as a critical control point in the company's process.

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### E-Z Tec XR-SS Automatic X-Ray Inspection System for Canning Lines

Eriez E-Z Tec Model XR-SS (SideShoot) Series Cabinet Inspection System is ideal for use on high speed canning lines and upright containers that are not glass. For canning lines, this state-of-the-art inspection system exhibits superior performance in simultaneously identifying metal foreign objects and detecting under-filled and misshaped cans. For upright, non-glass products, the E-Z Tec Model XR-SS is unsurpassed in detecting foreign objects and confirming fill levels. To watch a video depicting an X-Ray System on a high speed canning line, click [HERE](#).

### E-Z Tec XR-21 Automatic X-Ray Inspection Systems for Small Packaging Lines

E-Z Tec XR-21 series Cabinet System is ideal for use with packaged and loose products with up to 14-inch (356 mm) belt widths. This innovative inspection system demonstrates superior performance in identifying contaminants, scanning for missing or broken products, detecting packing voids and confirming fill, guaranteeing your product and packaging integrity.



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### E-Z Tec XR-31 Automatic X-Ray Inspection Systems for Glass-in-Glass Inspection

Eriez' XR-31 is a double-beam system for glass-in-glass inspection, for use on production lines running shorter cylindrical containers. This system is superior at detecting small statistical variations in the product that signal contamination or deviation from accepted specifications. The XR-31 features a 15-inch color touch screen, stainless steel construction and auto set-up. As one of the easiest to use systems on the market, it requires no frequent calibration. Additionally, the XR-31 has external connectors, which may be networked as an SQL Client, and has full remote support facilities.

### E-Z Tec XR-41 Automatic X-Ray Inspection Systems for Large Packaging Lines

Eriez' XR-41 is a larger version of the XR-21 system for belt widths up to 24-inches. This unit is available in two different models: one for packaged goods and another for loose product flows. As with the Model XR-21, it offers enhanced inspection capabilities for packaged or loose goods where multiple products and belt speeds are required. This system is ideal for foreign body detection of metal, glass, calcified bone, PVC and to inspect packages for mass and missing or defective objects.



### E-Z Tec XR-71 Automatic X-Ray Inspection Systems for Pipelines

Eriez' XR-71 is designed to scan liquid emulsions and slurries, such as meat products, in pipelines. This model is designed to detect small statistical variations in the product that signal contamination or deviation from accepted specifications. The XR-71 is available with a sanitary three-way ball or cutting valve for precise rejection of the impurity. This system is constructed of stainless steel and includes features such as auto set-up, a 15-inch color screen and external connectors, which may be networked as an SQL Client, and has full remote support facilities. The XR-71 may also be fitted with a fat analysis module. As with all models in the XR Series, the XR-71 does not require frequent calibration.

### E-Z Tec XR-81 Automatic X-Ray Inspection Systems for Case Inspection

Eriez' XR-81 is designed to inspect large cartons or cases for foreign objects, count and damaged or missing product. This model includes a unique dual-generator architecture, which provides full inspection of the case without risk of burn-through at the corners. It includes features such as auto set-up, a 15-inch color screen and external connectors, which may be networked as an SQL Client, and has full remote support facilities. Constructed of stainless steel, the XR-81 does not require frequent calibration.

