



ScanTrac X-Ray Inspection Systems

Advancing Food and Beverage Safety With X-Ray Inspection

SCANTRAC FERMATA

Pipeline X-Ray Inspection System for Product

- High speed operations (600 feet per minute)
- Metal ceramic (Beryllium) X-Ray tube with 3 year warranty
- Easy installation – integrates with pipeline
- Low cost of ownership through advanced remote diagnostics software
- Adaptive inspection software continuously improves detection and reduces false positives



ScanTrac Fermata X-Ray Inspection System

The ScanTrac Fermata provides a high resolution x-ray inspection for product conveyed through a pipeline. The Fermata includes a variable diameter inspection pipe assembly for accurate and repeatable inspection of product flow. The high resolution of ScanTrac's metal ceramic x-ray tubes enables the Fermata to identify small pieces of foreign material, such as bone, metal, glass, and rubber, in the product flow. The compact inspection assembly installs in a short linear space and can be equipped with a remote monitor to enable installation on pipelines well off the production floor. The standard Fermata configuration includes a 4 inch diameter inspection pipeline assembly and positive acting two-way discharge valve assembly with mounting.

Key Features

High Speed Operation

The Fermata's high speed image acquisition and processing assures a high resolution inspection at speeds in excess of 600 feet per minutes. With a four inch diameter pipe, this means inspection processing of greater than 300 gallons per minute.

Continuous Image Processing

The Fermata's high resolution x-ray beam inspects through the specially designed pipeline inspection assembly to optimize the image resolution across the full pipeline diameter.

Compact Design

The total linear profile of the Fermata inspection assembly is slightly more than three feet. With the ejection valve assembly mounted immediately downstream of the inspection system, less than 5 feet of linear space is required.

Quick Access

The Fermata's quick access doors and flexible pipeline connections assure convenient access for review of the inspection assembly and cleaning.

Supported Product



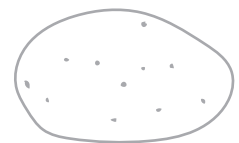
Meat and Poultry Products



Fruits and Vegetables



Sauces and Liquids



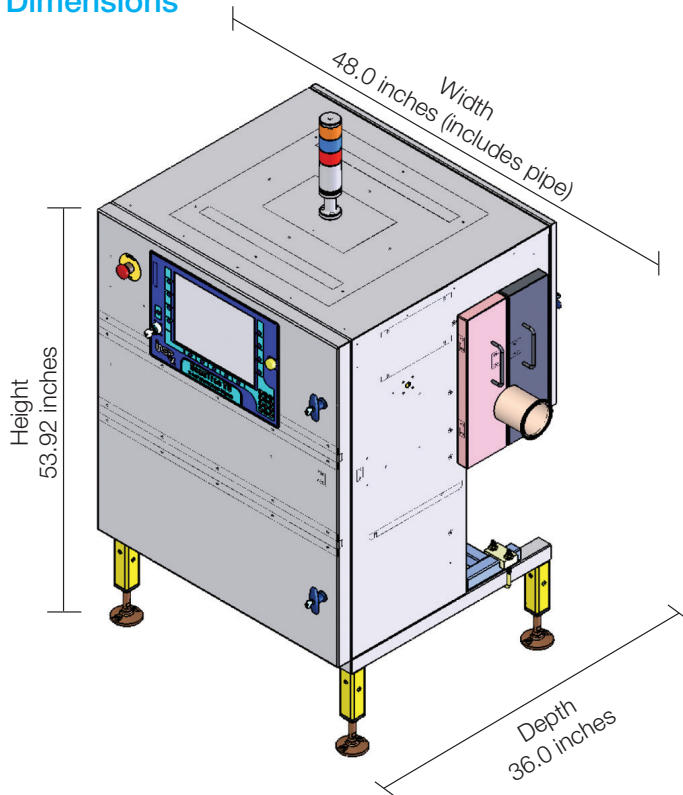
Conveyed Product (Flumes)



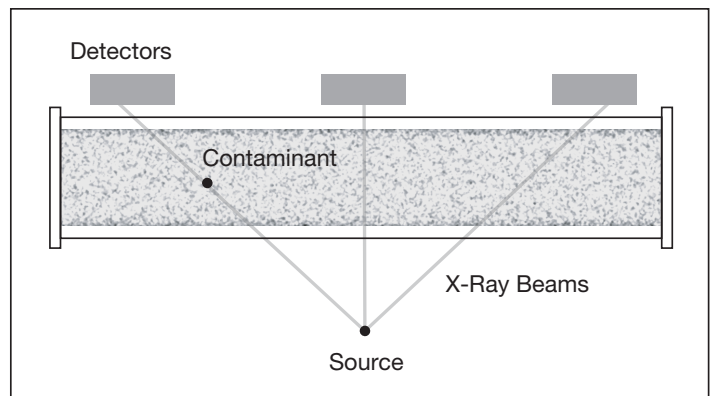
Applications

- Detect metal, bone, and other foreign material in product flow
- Detect foreign material in aseptic applications
- Variable diameter inspection
- Wash down environment design

Dimensions



Inspection Configuration



Specifications

Model	Fermata
Machine Architecture	Side view
X-ray Tube Configuration	One metal ceramic tube – one X-Ray beams
Pipeline Size	Diameter Minimum: 2 inch Diameter Maximum: 4 inch
Environment	IP 65 (IP 69K optional)
Speed	Up to 600 fpm
Voltage	System 117V / 230V, 50/60 Hz single phase
Air	For ejection only (as required)