



The ScanTrac Trio provides industry leading contaminant detection in glass containers. With its triple x-ray beam design, Trio eliminates inspection blind spots along the bottom and sidewalls of glass containers while simultaneously providing content verification. The Trio is easy to install, simple to operate, and meets the stringent requirements of the food, beverage, and pharmaceutical industries.



Detect Glass In Glass Containers

Trio's three inspection angles increase the probability of inspecting foreign material through its thickest dimension. When glass shards are too thin to detect from one angle, the second or third angle image may show them clearly. Since shards vary in shape and size, in addition to the benefit of three images, their presentation from three different angles greatly heightens detectability.

Inspect Without Contact

Trio inspects from the side. Containers move past the inspection arrays without transferring on to a special conveyor. Trio does not require the movement of the container on to and off of a special inspection conveyor.

Inspect At Full Production Speed

Trio inspects containers at a linear speed in excess of 650 feet (200 meters) per minute.

Install Over Existing Conveyors

Trio easily installs on existing single file conveyors in less than three meters of space. By using the existing conveyor, Trio eliminates additional maintenance and container jams from conveyor transfers.

Connect Remotely for Real-Time Support

The Trio's Internet link and on-board diagnostic tools assure timely remote support by experienced personnel.

Create Detailed Contaminant Defect Images

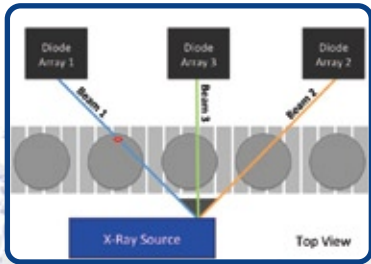
Operators can review high-resolution images of rejected containers to qualify the nature and significance of the defect



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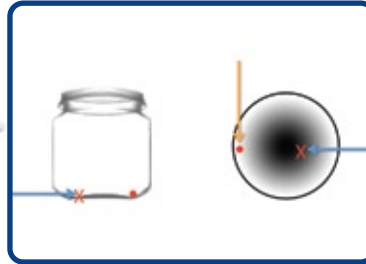
48041 Fremont Blvd.
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Triple Inspection

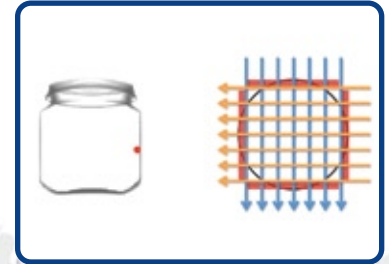


Trio's triple beam design inspects from three angles, which significantly increases the probability of detecting irregularly shaped foreign materials.

Outer Beam Advantages



Trio's outer beams inspect at 90 degree angles so that detection around the push-up is maximized.



Trio's perpendicular outer beams detect contaminants around the push up in glass bottles and jars.



Outer Beam Center Beam

Assured Inspection

The center beam assures that every container is fully inspected by one beam even if spacing variances create shadows on an angled beam.



Fill Level & Cap Inspection

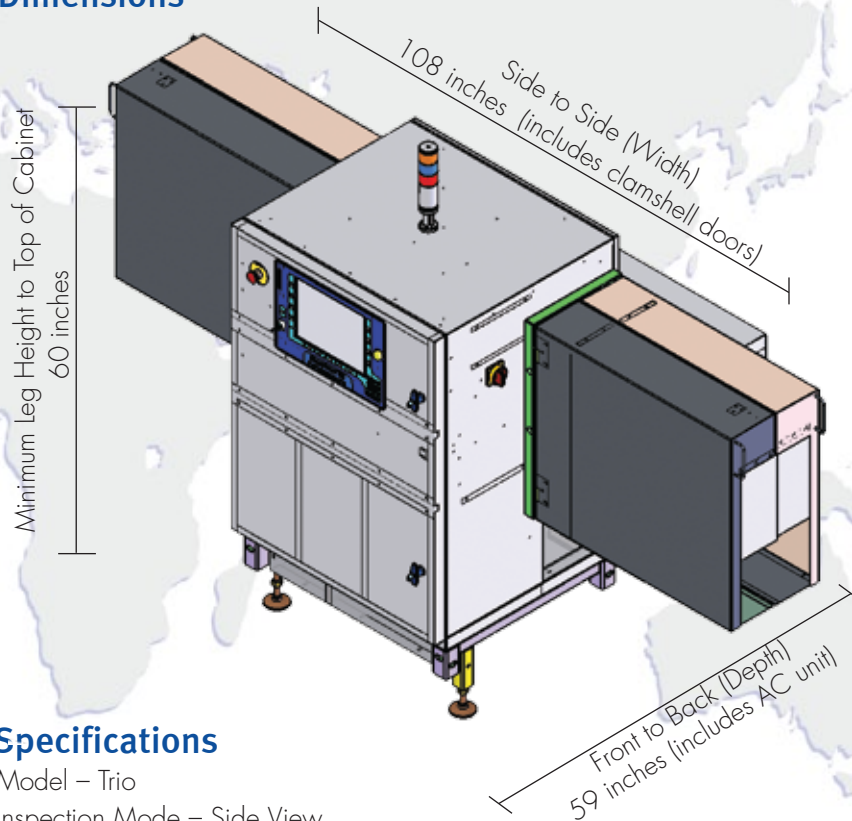
Trio's center beam captures a straight on image of the container, providing precise fill level inspection and cap detection.

Applications



InspX designed the Trio to provide the ultimate in x-ray inspection of glass bottles and jars. However, Trio's multiple inspection angles can improve the probability of detection in any application through multiple images from different angles.

Dimensions



Specifications

- Model – Trio
- Inspection Mode – Side View
- X-ray Tube Configuration – One Metal Ceramic Tube – Three X-ray Beams
- Package / Product Size:
 - Width 7 inches (175 mm)
 - Height 12 inches (300 mm)
- Environment: IP 65 (IP 69K Optional)
- Speed: Up to 700 fpm (2,400 cpm)
- Voltage: System 117V/230 V-50/60 Hz Single Phase
- Air: For ejection only (as required)
- Temperature: To 40 degree C
- Optional air conditioner

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