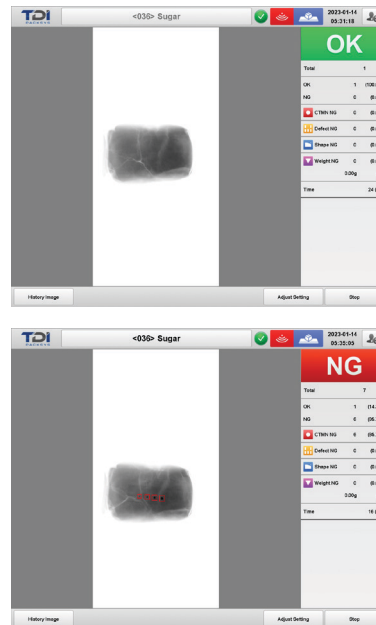


# XR STANDARD X-RAY INSPECTION SYSTEMS



View real-time images of current products for quick location and identification of contaminants.

**XR X-Ray Inspection Systems** are used to achieve advanced levels of inspection across a wide range of products. Use them to detect even the smallest contaminants, including metals, glass, hard plastic, rubber, ceramic, bone, and other mid- or high-density materials.

Powerful generators allow the XR series to detect foreign bodies down to 0.2mm, expanding the range of what was traditionally thought detectable with x-ray inspection. Even materials like plastic conveyor belting, small bones in poultry or red meat, rubber/gasket pieces, and select organic materials are now successfully detectable.

When it comes to inspection of food and beverage products, the XR simply can't be beat!

## Applications

- Use to find all metals, including ferrous, non-ferrous, and stainless steel
- Use to find other high-density materials not identifiable by metal detectors: including glass, stone, bones, rubber, hard plastics, etc.

## Features

- **Superior sensitivity** – able to detect the smallest possible metal and non-metal contaminants; find stainless steel down to 0.3mm and steel wire down to 0.2mm x 2mm
- **Defect inspection** – detect breakage, displacement, and cracks
- **Auto-learning function** for quick new product set-up
- **Auto-shielding function** will shield parts of product or package to enable inspection (e.g., aluminum clips on sausages, products packed in metal cans, etc.)
- **Ultra-flexible design and functionality** – suitable for a wide range of product types and package formats
- **Customizable programming for each product** – customize generator strength, speed, and algorithms
- **Easily view and export detailed data logs** on production rates, times, and contamination %s; download via Ethernet or USB
- **User-friendly Windows-based software** – quickly change between programs; real-time images of the current product allow for quick location and identification of contaminants
- **Controlled access** – passwords for operator / administrator access
- **World leading componentry** – VJT, Siemens, and Schneider
- **Heavy-duty construction** – 304 stainless steel with mirror finish (optional: sand blasted finish, IP69K construction, etc.)
- **Optional reject conveyor** automatically removes any packages suspected of having contaminants

	XR-4080	XR-4080SH	XR-5080SH	XR-6080SH	XR-5080XH	XR-6080XH
X-Ray Generator:	MAX 80kV, 350W		MAX 100kV, 480W		MAX 80kV, 210W	
Inspection Width:	400mm		500mm	600mm	550mm	655mm
Inspection Height:	160mm	220mm	250mm	360mm	360mm	505mm
Conveyor Speed:	10-60m/min		10-40m/min			
Operating System:	Windows Professional					
X-Ray Emissions:	< 1 µSv/h (CE standard)					
IP Rating:	IP66 Food-Contact Surfaces (Available: IP69K Whole-Body Construction)					
Working Environment:	Temperature: 32-104°F; Humidity: 30-85% (no dew)					
Reject Options:	Sound and Light Alarm; Belt Stop (Available: Rejector)					
Power Supply:	220V					
Construction:	Stainless 304					
Operator Interface:	15" Touchscreen HMI					
Data Export:	USB/Ethernet					
Finish:	Mirror Polish / Sandblasted					

**Note:** Product models and specifications are subject to change. For more information, contact TDI Packsys.

## TDI Packsys

*TDI Packsys is a premier provider of inspection solutions and packaging automation systems. Our expert team is dedicated to delivering state-of-the-art solutions that meet your budget. Contact us to see how we can help optimize your operation.*



## There's More

### Inspection Systems

- Metal Detectors
- Checkweighers
- Combo Systems
- X-Rays
- Color Sorters
- Vision Systems

### Packaging Automation

- Palletizers
- Form, Fill & Seal
- Scaling & Dosing
- Flow Wrappers
- Robotic Packing