



## *Food X-Ray Inspection Machine XRI Series*



The ANKO Food Machine Company and the Nano Ray Solution Company have partnered to jointly create the innovative Food X-Ray inspection equipment. This device can be used in food production, pharmaceutical manufacturing, and chemical engineering factories to provide real-time detection of foreign objects and prevent production hazards. These include such items as rubber bands, plastics, machine parts, and bones during production, as well as finer contaminants such as metal threads, stainless steel dust, and plastic. This machine can also calculate the total output of products while identifying thus defects increasing your food production quality and safety.

ANKO's Food X-Ray inspection device is built to comply with international safety regulations, is not radioactive, and is certified below 0.5  $\mu\text{Sv/hr}$ . After-sales services are provided by the original manufacturing companies ensuring maximum quality, efficiency, and safety standards.

### **Features:**

- **Powerful:** The ability to detect foreign objects as small as 0.4mm.
- **Wide Detection Range:** The machine can see through objects and has a wider detection range than Automated Optical Inspection (AOI), Infrared, and Laser devices.

- **Versatile:** It can detect a wide range of foreign objects (materials with minimum size) such as metal threads, SS #304 0.4 mm, stone 1.0 mm, Bone 1.0 mm, Glass 2.0 mm (For more information, please contact ANKO's technicians directly.)
- **High Resolution:** Advanced image precision ensures food inspection accuracy.
- **High Luminescence Efficiency:** Improved luminous effect for clearer images and higher detection rates.
- **Safe to Use:** The entire machine is covered by lead sheets and anti-radiation materials to prevent radiation leakage. All the safety measures exceed international standards.
- **Easy to Operate:** A 21.5-inch monitor is installed with Artificial Intelligence (AI) image detection technology combined with Graphical User Interface (GUI) and intuitive adjustable parameter settings make this machine easy to use.
- **Simple Data Management:** Data can easily be exported into reports, electronically saved, accessed, transmitted via USB, or sent to the internet for internal use for sharing with multiple locations.
- **Food Safety Designs:** Food-grade rubber belts and anti-radiation rubber are used to for protection. Other shielding systems can be customized with special requests.

#### Technical Parameters:

Model	XRI-200	XRI-340
Dimensions	780 (L) x 1,940 (W) x 2,120 (H) mm	
Power	1 kW	
Monitor	21.5 inches	
X-ray source	80 kV	
X-ray linear array detector	300 mm	500 mm
Conveyor width	450 mm	
Highest detection size	120 (W) x 100 (H) mm	175 (W) x 120 (H) mm
Widest detection size	200 (W) x 0 (H) mm	340 (W) x 0 (H) mm
Highest sensitivity	SS #304 0.4 mm, Stone 1.0 mm, Bone 1.0 mm, Glass 2.0 mm	
Weight (net)	220 kg	