

X-RAY INSPECTION SYSTEMS

Performance
Low TCO
Reliability



SETTING THE STANDARD IN X-RAY PERFORMANCE

Anritsu x-ray systems give food & pharma producers the best combination of contaminant detection, reliability and low total cost of ownership.

- ▶ **Industry Leading Performance:** All Anritsu x-ray systems come standard with HD imaging, including high resolution detectors, beryllium window tubes and precise software tools. Anritsu consistently outperforms competitors in detecting small metals and low density foreign bodies like glass, stones, and bones.
- ▶ **Low TCO:** Advanced Long Life (A.L.L.) technology delivers up to 300% longer tube and detector life with better detection at lower power.
- ▶ **Reliability:** Now in its 7th generation, the world's most popular food x-ray systems have the lowest warranty rate in the industry.
- ▶ **Diverse Product Line:** Anritsu offers a full portfolio of high performance x-ray systems including packaged, bulk, pumped and dual energy.

STANDARD FEATURES

- HD imaging
- Beryllium tube
- Advanced Long Life (XR75)
- Auto-learn product setup wizard
- Tool-free disassembly
- Image & reject logs
- Virtual weighing, shape, count, missing
- 10+ software detection tools
- Sanitary design features
- QuiCCA capable

About Anritsu

With more food inspection x-ray systems installed globally than any other provider, Anritsu offers the best combination of performance, reliability and price.

Founded in 1895, Anritsu is a billion-dollar global powerhouse based in Japan with a legacy of innovation and meticulous engineering in electronics, telecom and testing.

FULL SOLUTION PROVIDER



PERFORMANCE 360 SERVICE & SUPPORT

- 24/7 technical support
- Remote support
- Preventative maintenance
- HACCP performance

MODELS & SPECIFICATIONS

Subject to change without notice.
*Detection Capabilities are for typical applications.

- ✓ Available
- Standard
- Optional
- Not Available
- N/A = Not Applicable



FEATURE	XR75 STANDARD PACKAGED	XR75 Up/Down PACKAGED, UNPACKAGED	XR75 BULK HOPPER UNPACKAGED	XR75 DUALX PACKAGED
DETECTION CAPABILITIES*				
Metal	0.5-0.8mm	0.5-0.8mm	0.5-0.8mm	0.5-0.7mm
Wire	0.5-0.7mm x 2mm long	0.5-0.7mm x 2mm long	0.5-0.7mm x 2mm long	0.4-0.6mm x 2mm long
Glass	2-3mm	2-3mm	2-3mm	1-2mm
Poultry Bone (application dependent)	See DualX, Pipeline	See DualX, Pipeline	See DualX, Pipeline	1-3mm cubed
Red Meat Bone (calcified)	2-3mm cubed	2-3mm cubed	2-3mm cubed	1-2mm cubed
Stone	2-3mm	2-3mm	2-3mm	1-2mm
Virtual Weighing	•	–	–	•
Missing Item, Count, Broken Product	•	–	–	•
SYSTEM FEATURES				
Washdown Rating (All IP40,65,66 systems have IP66 inspection areas.)		• IP40 ○ IP65 for >95°F; IP66 for < 95°F		• IP40 ○ IP65
ALL - Advanced Long Life Technology		•		–
X-ray Technology		Single energy		Dual energy
X-ray Power		100W		350W
Cooling System		IP40: Fan cool, open cabinet; IP65: Electric cool, closed cabinet; IP66: Passive cool, closed cabinet		IP40: Fan cool, open cab. IP65: Elec. cool, closed cab.
SOFTWARE				
Product Setup Wizard		•		•
Product Recipe Presets		200		200
Suite of Detection Algorithms		•		•
Dual Lane Capable		•		•
Multi-Lane Capable		•		•
SANITARY FEATURES				
Removable Curtains	•	N/A	N/A	•
Tool-Free Removable Belting	•	•	•	•
Angled External Surfaces	•	•	•	•

Subject to change without notice.
*Detection Capabilities are for typical applications.



FEATURE	XR75 LARGE/CASE PACKAGED	KD74 PIPELINE PUMPED 3" OR 4"	XR75 SIDEVIEW PACKAGED	XR75 DUALX POULTRY UNPACKAGED	XR74e Economy PACKAGED
DETECTION CAPABILITIES*					
Metal	0.8–1.2mm	0.5-0.7mm	0.5-0.8mm	0.5–0.7mm	0.8-1.2mm
Wire	0.7mm x 2mm long	0.5-0.6mm x 2mm long	0.5-0.7mm x 2mm long	0.5–0.6mm x 2mm long	0.7mm x 5mm long
Glass	3–5mm	1-2mm	2-3mm	1-2mm	2-4mm
Poultry Bone (application dependent)	See DualX, Pipeline	1-3mm cubed	See DualX, Pipeline	1-3mm cubed	See DualX, Pipeline
Red Meat Bone (calcified)	3–5mm cubed	1-2mm cubed	2-3mm cubed	2mm cubed	See DualX, Pipeline
Stone	3–5mm	1-2mm	2-3mm	1-2mm	2-4mm
Virtual Weighing	•	–	•	•	–
Missing Item, Count, Broken Product	•	–	•	–	•
SYSTEM FEATURES					
Washdown Rating (All IP40,65,66 systems have IP66 inspection areas.)	• IP40 ○ IP66	• IP40 ○ IP66	• IP40 ○ IP65	IP69k	IP40
ALL - Advanced Long Life Technology	–	–	•	–	–
X-ray Technology	Single energy	Single energy	Single energy	Dual energy	Single energy
X-ray Power	350W	100W	150W	350W	100W
Cooling System	IP40: Fan cool, open cab. IP66: A/C, closed cab.	IP40: Fan cool, open cab. IP66: A/C, closed cab.	IP40: Fan cool, open cab. IP65: A/C, closed cab.	A/C, closed cabinet	Fan cool, open cabinet
Integrated Reject		–	–	–	–
SOFTWARE					
Product Setup Wizard	•	–	•	•	–
Product Recipe Presets	200	100	200	200	100
Suite of Detection Algorithms	•	•	•	•	–
Dual Lane Capable	•	–	–	•	–
Multi-Lane Capable	•	–	–	–	–
SANITARY FEATURES					
Removable Curtains	Fixed/bolted	N/A	N/A	N/A	Fixed/bolted
Tool-Free Removable Belting	•	–	–	•	•
Angled External Surfaces	–	–	•	•	–

COMMON FEATURES	SOFTWARE	HARDWARE	DATA
	• Touch Screen HMI	• HD Imaging	• QuiCCA Support Capable
	• Software Upgrades via USB	• Solid State Drive	• I/O Availability: 2 in, 2 out
	• Patented Visual Threshold Adjustments	• Mirror Finish Product Zone	• Data/image Logging via USB
	• Robust Auto-Learn Functions (XR75)	• Sealed, Non-Circulating Tube Cooling System	• Available OPC-UA, EtherNet/IP
	• Variable X-Ray Power by Menu		