



M6

M6 METAL DETECTORS

Accurate
Reliable
Stable
Compact

THE INDUSTRY'S FIRST SIMULTANEOUS MULTI-FREQUENCY METAL DETECTOR

Anritsu metal detectors are precision engineered for dependable everyday performance in real-world production environments. Standard multiple frequency technology provides outstanding detection for a wide range of products, packaging and contaminants.

- ▶ **Accurate:** Anritsu's simultaneous multi-frequency technology has outstanding ferrous and non-ferrous metal detection within a broad range of food and pharmaceutical/nutraceutical products and packaging.
- ▶ **Reliable:** Anritsu metal detectors are designed, engineered and manufactured in Japan with rigorous attention to quality, detail and safety.
- ▶ **Stable:** Patented Advanced Signal Processing minimizes product effect for the best contaminant detection. The detection heads are resistant to environmental interference, noise and vibration.
- ▶ **Compact:** The industry's smallest multiple frequency system is perfect for tight lines, especially when configured as a combo with integrated checkweigher.

About Anritsu

Since pioneering simultaneous multiple frequency metal detection in 2004, Anritsu metal detectors have grown to become among the most installed in the world.

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.

Save money and line space. Make it a Combo!



Metal detectors are also available as combos, paired with Anritsu SSV checkweighers.

STANDARD FEATURES

- Simultaneous multi-frequency technology
- Easy product setup wizard
- 200 product presets
- Common user interface with SSV checkweighers and XR75 x-ray
- Tool-free fast belt removal
- Automatic belt tensioning (IP66)
- Guided troubleshooting & diagnostics
- Quick warm-up
- USB & Ethernet data output
- Data options: OPC-UA, EtherNet/IP, QUICCA3
- FOCUS function optimizes detection

MODELS & SPECIFICATIONS

✓ Available – Not Available • Standard ○ Optional

FEATURE		M6 STANDARD HORIZONTAL	M6 STANDARD VERTICAL	M6 LARGE HORIZONTAL
DESIGN/FORMAT				
Aperture Widths (mm)	IP30 IP66	210, 300, 450	70, 100, 120, 140, 170, 200	700
Usable Aperture Heights (mm)*	IP30 IP66	50, 80, 100, 120, 150, 180 45, 75, 95, 115, 145, 175	190, 280, 430 185, 275, 425	50, 100, 150, 200, 250, 300, 350, 400
*Not all aperture heights are available at every width. See Metal Detector Aperture Dimensions for details.				
Available in Combo		✓	✓	–
Washdown Rating		IP30 (IP66 option)	IP30 (IP66 option)	IP30 (IP66 option)
OPTIMAL DETECTION CAPABILITIES*				
Detection is based on typical 4" high products	Dry Products	Excellent	Excellent	Excellent
	Reactive Products	Best	Best	Best
	Dry Products (Fe)	0.7mm	0.7mm	1.0mm
	Dry Products (SS)	1.0mm	1.0mm	1.2mm
	Wet Products (Fe)	0.8mm	0.8mm	1.2mm
	Wet Products (SS)	1.2mm	1.2mm	1.5mm
TECHNOLOGY				
Variable Speed (per product)		•	•	○
Small Metal Free Zone & Footprint		•	•	•
Variable Simultaneous Multi-Freq.		•	•	•
SYSTEM FEATURES				
Environmental Noise Monitor		•	•	•
Product Signal Monitor		•	•	•
Multi-lingual		•	•	•
Ethernet		•	•	•
USB Port		•	•	•
Color Touch Screen		•	•	•
Switchable Flow Direction		•	•	•
SOFTWARE				
Focus Detection Optimization		•	•	•
Product Tracking (phase angle)		•	•	•
Multiple/Consecutive Reject Alarm		•	•	•
Operation Check (HACCP audit)		•	•	•
QUICCA Support		•	•	•
Reject Verify		○	○	○
SANITARY FEATURES				
Tool-free Belt/Conveyor Removal		•	•	•
Clean Design with Open Access		•	•	•

*Detection capability is dependent on head size and product/application factors. Specifications are subject to change without notice



The Anritsu Performance360 program provides comprehensive service, support and training, including:

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

VERTICAL HEAD



Vertical metal detector heads provide ideal inspection of tall/upright packages like bottles and stand-up pouches.

LARGE/CASE



Inspect large-format products like cases and pet food bags.

FULL SOLUTION PROVIDER

