

M6

Anritsu
Advancing beyond

M6 FREE-FALL METAL DETECTOR

Accurate
Reliable
Stable

“DISCOVER WHAT YOU’VE BEEN MISSING” IN GRAVITY FED LINES

Anritsu metal detectors are precision engineered for dependable everyday performance in real-world production environments. The M6 Free-fall offers standard simultaneous multiple-frequency technology with outstanding metal detection in dry, gravity fed products.

- Ideal for VFFS lines producing dry products in food, pharmaceutical, nutraceutical, or industrial applications
- Common food applications: candies, snacks, pet food, cereals, grains, and nuts
- Standard simultaneous multiple frequency inspection
- Available in 100mm, 150mm, and 200mm (4in, 6in, 8in) inner diameter pipes
- Outstanding resistance to vibration and noise

STANDARD FEATURES

- Simultaneous multiple frequency inspection
- Easy product setup wizard
- 200 product presets
- 7-inch color touchscreen
- Common user interface with SSV checkweighers and XR75 x-rays
- Self-diagnosis of detection performance
- Guided troubleshooting & diagnostics
- Instant start with no warm-up
- USB & Ethernet data output
- Data options: OPC-UA, EtherNet/IP, QUICCA3

About Anritsu

Anritsu pioneered simultaneous multiple frequency metal detection in 2004. Since then, 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.

Discover what you’ve been missing...™

SPECIFICATIONS

• Standard

• Standard Inner Pipe Diameter				
FEATURE	KDS0010VFW	KDS0015VFW	KDS0020VFW	
DESIGN/FORMAT				
Opening inner diameter	100mm (4in)	150mm (6in)	200mm (8in)	
Product type	Dry powder or granules			
Maximum throughput	21,000 ℓ/h	47,000 ℓ/h	84,000 ℓ/h	
Vertical drop before head	100mm–5,000mm			
Washdown/ingress rating	IP66			
ESTIMATED DETECTION CAPABILITIES				
NOTE: Based on dry product. Results will vary depending on equipment and application.	Fe	0.6mm	0.7mm	1.0mm
	Non-Fe	0.7mm	0.8mm	1.1mm
	SS (304)	0.8mm	1.0mm	1.2mm
TECHNOLOGY				
Small metal free zone & footprint		•		
Simultaneous multiple frequencies		•		
SYSTEM FEATURES				
Product recipes		200		
Environmental noise monitor		•		
Product signal monitor		•		
Multi-lingual		•		
Ethernet		•		
USB port		•		
Rubber vibration isolators		•		
RJ-IF unit (connects to rejector)		•		
7" color touch screen HMI		•		
SOFTWARE				
Operation check (HACCP audit)		•		
QUICCA support		•		

OPTIONS

- Conveyance tube—FDA approved, antistatic, 36in (914mm), (100mm, 150mm, and 200mm [4in, 6in, 8in] inner diameter)
- Head-to-controls cable (5m, 10m, 15m, 20m, or 30m)
- Loud buzzer
- Signal tower light
- Emergency switch (e-stop)
- Expansion control I/O (KCU2504A)
- Serial I/O (KCU2505A)
- USB flash drive
- EtherNet/IP connection kit
- OPC-UA connection kit
- CE mark
- IQ/OQ checklist

Options may impact delivery time. Please confirm at time of order.



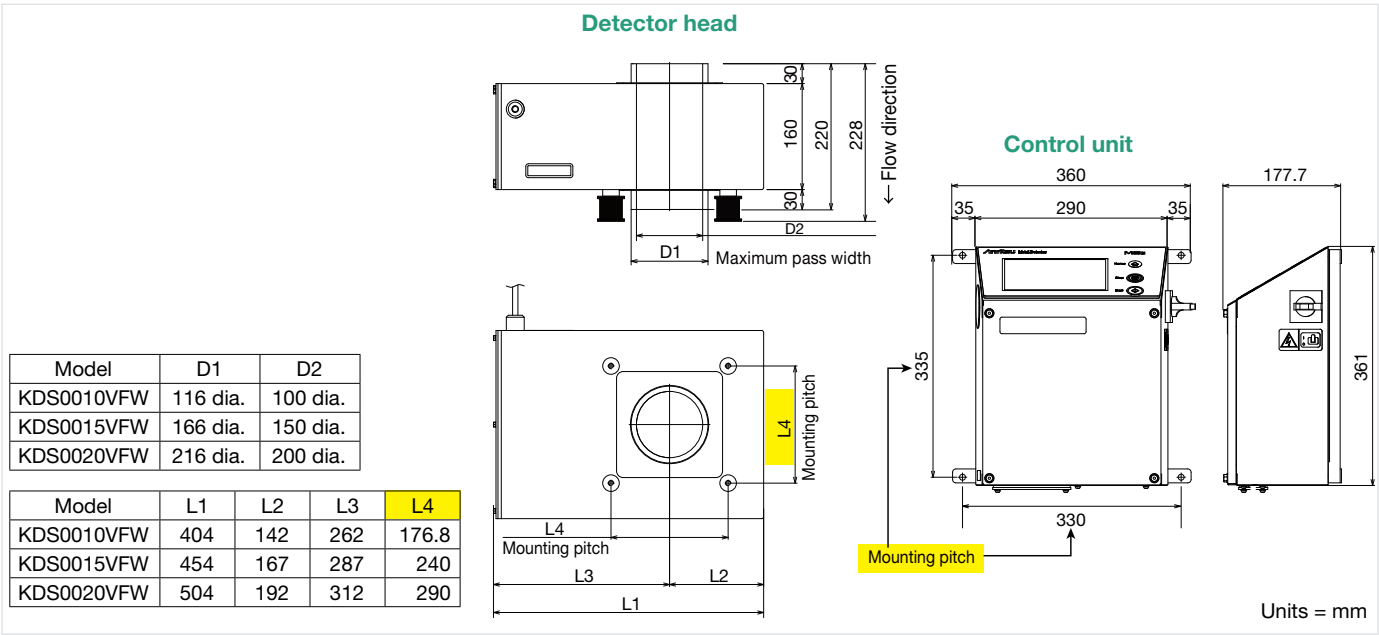
The Anritsu Performance360 program provides comprehensive service, support and training, including:

- 24/7 technical support
- Radiation safety training & compliance kit
- Remote support
- Preventive maintenance
- HACCP performance validation
- Radiation safety training & compliance

FULL SOLUTION PROVIDER



INSTALLATION ILLUSTRATIONS



Installation Example

