

# Metal Detection

## Insight Vertical Short Fall



Insight Vertical Short Fall metal detector with DDS.



High throughput rates coupled with best-in-class sensitivity offer the ideal solution for detection and rejection of metallic contaminants during the handling of free falling product. Ideal for processing cereals, cocoa, coffee, sugars, spices, dried fruit and vegetables, flour, milk powder products, chemical granules, rice and plastic pellets.

Accurately detect the tiniest contaminants in free falling product either at the beginning of a production line or at any suitable point in processing.

- Stainless steel construction
- Minimal installation space due to compact design
- Stable to extreme vibration and product signal
- Choice of quick-release reject devices
- IP66 / NEMA 4X
- Available to suit product feed tube sizes
- External USB port
- Wired or wireless ethernet
- OPTIX software with DDS vector diagram
- 200 product presets
- Stores 8,000 data events
- Automatic product learn



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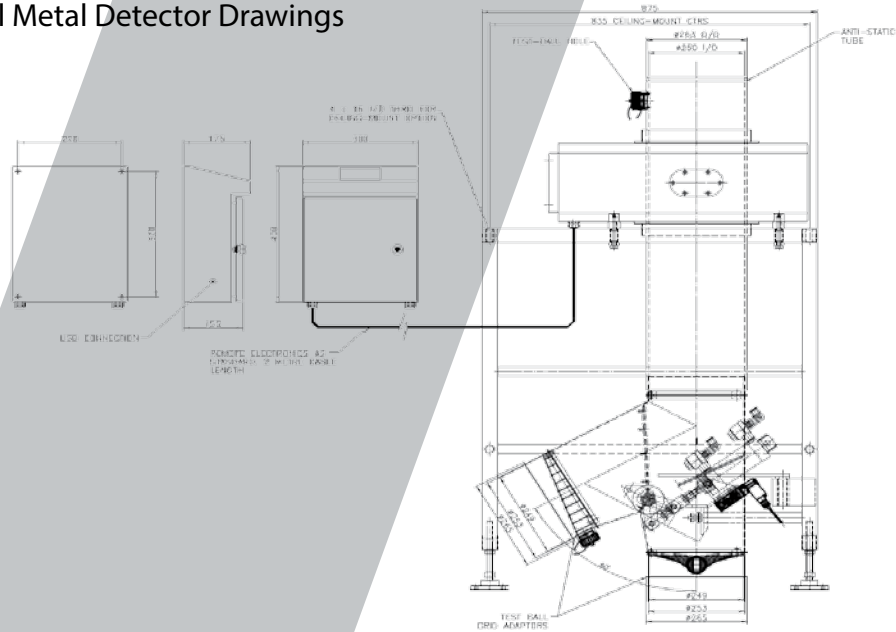
# METAL DETECTION | INSIGHT VERTICAL SHORT FALL

OPTIX Software is a powerful diagnostic and problem solving tool for engineers and operators. The user-friendly touchpad features multiple language options and DDS (Direct Digital Signal) vector diagram display. The unique DDS vector diagram display generates a detailed product profile needed to achieve perfect product set-ups.

Ongoing Service Realize the maximum uptime from your inspection systems by relying on the industry's foremost technical experts. Get best-in-class service when and where you need it.

- Onsite repair
- Remote diagnostics and support
- Planned and preventative maintenance
- Spare parts and kits
- Full systems integration
- Refurbishments
- Quality assurance and compliance

## Insight Vertical Short Fall Metal Detector Drawings



	<b>Insight Vertical Short Fall</b>
<b>Finish</b>	304 stainless steel with #4 brushed finish
<b>Mounting</b>	Fixed frame; ceiling or floor mount
<b>Feed Tube Sizes</b>	2" (50mm) to 10" (300mm) in 2" (50mm) increments
<b>Throughput</b>	Up to 50 tons/hr
<b>Connectivity</b>	Wired or wireless ethernet and SCADA capability; external USB port
<b>Accuracy</b>	0.5mm - 1.0mm Fe / 0.5mm - 1.2mm NFe / 0.6mm - 1.5mm SST (ranging from 2" pipe to a 10" pipe)
<b>Environment</b>	-10° to 40° C / 14° to 104° F; Humidity 0-95% RH
<b>Reject Options</b>	Sealed Flap, Cow Bell Diverter
<b>Protection</b>	IP66 / NEMA 4X
<b>Supply Voltages</b>	88-264V AC, 47-63Hz, Fuse 3A
<b>Features</b>	200 product memory, 8,000 data events memory, four-level password protection, touchpad, OPTIX software, DDS, fail safe operating mode, automatic balance, lockable cabinet, USB port, multilingual, ceiling or floor mount frame, anti-static product feed tube, sample test kit, air pressure alarm
<b>Options</b>	Wired or wireless ethernet, controls mounted to frame

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