



FreeFall Metal Detection

www.loma.com

Versatile, proven metal detection systems for the food, pharmaceutical and chemical industries



- **Versatile** Range of apertures to suite a wide range of pipe sizes
- **Easy to use** Automatic product learn ensures maximum sensitivity without adjustment
- **Sensitive** Advanced signal processing provides unsurpassed levels of detection
- **Flexible** Multiple product memories for rapid product change over and data storage
- **Efficient** High speed reject ensure positive contaminant rejection with minimum wastage
- **Safe** ATEX category 3D approved for use in zones 22

Metal Detection

X-ray Inspection

Checkweighers

Data Capture

Designed to Survive



FreeFall Metal Detection

Finish:	304 stainless steel with bead blast finish		
Pipe Diameters:	100mm	150mm	200mm
Typical System Lengths: (Foot Mounted)	790mm	860mm	1080mm
Throughput:	*6 T/hr	*13.5 T/hr	*24 T/hr
Supply Voltages:	230V 1ph N+E or 110V 1ph N+E		
Air Supply:	5 to 8 bar		
Reject Types:	Bucket reject with sealed reject port		
Environmental Protection:	IP 65		
Options:	Remote control box Beacon stanchion Reject confirm LomaEnet Serial link PVS Beacon	Floor or ceiling mount Keyboard cover Test retrieval kit Ethernet Remote reports	

Technical Specification

- Upgradeable metal detector controls
- PVS to aid HACCP compliance
- Various communication options to suit plant integration protocols
- Direct transmitter drive to eliminate thermal drift
- High field strength to eliminate external interference and deliver the ultimate in noise free detection
- 32-bit digital signal processing for enhanced contaminant detection
- Standard apertures on rapid delivery

Head Aperture Sizes		
For tight spaces like bag makers		
CF (Contained Field) mm diameter	SlimLine mm	Full size mm
120 (D = 154)	110 x 110	110 x 110
168 (D = 154)	125 x 125	125 x 125
180 (D = 154)	150 x 150	150 x 150
219 (D = 294)	180 x 180	180 x 180
270 (D = 354)	200 x 200	200 x 200
320 (D = 394)	240 x 240	240 x 240
Case = D mm to flow	Case = 134mm to flow	300 x 300

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