



IQ³ Metal Detector Search Heads

www.loma.com

Adaptable and tough, variable frequency metal detection systems for the food and packaging industries



- **Adaptable** True variable frequency detection adapts to new product and packaging in seconds
- **Easy to use** Automatic product learn ensures maximum sensitivity without adjustment
- **Stable** Unique case and coil geometry delivers unsurpassed levels of immunity
- **Flexible** Multiple product memories for rapid product change over and data storage
- **Tough** IP69K environmental protection

Metal Detection

X-ray Inspection

Checkweighers

Data Capture

Designed to Survive



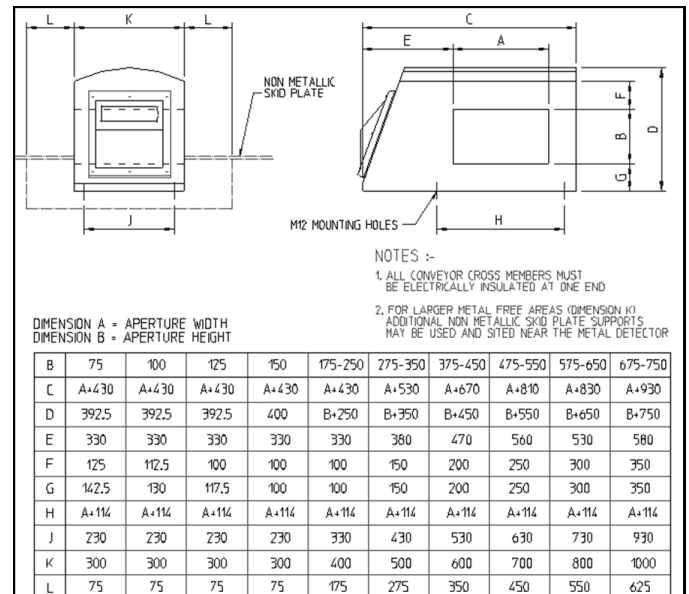
Metal Detector Search Heads

Finish: 304 stainless steel with bead blast finish
Supply Voltages: 100, 120, 200, 220, 230, 240V AC 50/60Hz
Power Consumption: 20VA
Temperature Range: -10°C to +40°C (14°F to 104°F)
Humidity: 0 to 95% Relative Humidity (non-condensing)
Reject Options: Air Blast single or twin, Pusher others to order
Environment: IP66 Standard Head
 IP69K Harsh Head
Options: LED Stacklight Keyboard cover
 Reject confirmation Bin full
 LomaEnet & OPC Ethernet
 Serial link Remote reports
 PVS (Performance Validation System)



Technical Specifications

- Unique clam-shell design case and coil geometry
- Bifurcated and totally uniform product screen
- Upgradeable metal detector controls
- True multi-frequency, standard operating range from 40 to 900KHz
- Performance Validation System (PVS) to aid HACCP compliance
- Various communication options to suit plant integration protocols
- 32-bit digital signal processing for enhanced contaminant detection
- Standard apertures on rapid delivery
- Height
3" (75mm) to 30" (750mm)
- Width
10" (250mm) to 65" (1650mm)



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