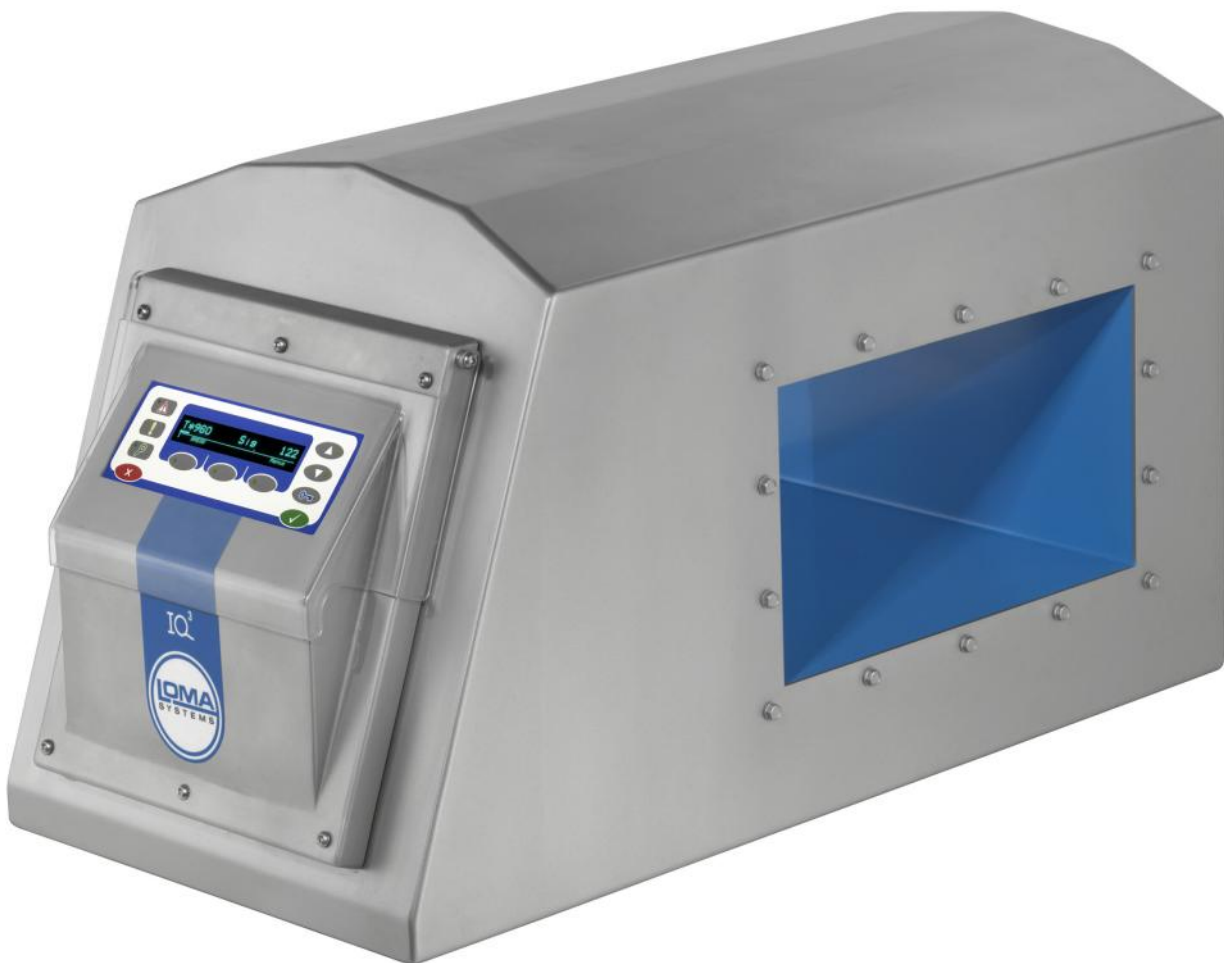




IQ³ Metal Detector Search Heads

www.loma.com

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



- **Simple** User interface with new dual line display
- **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



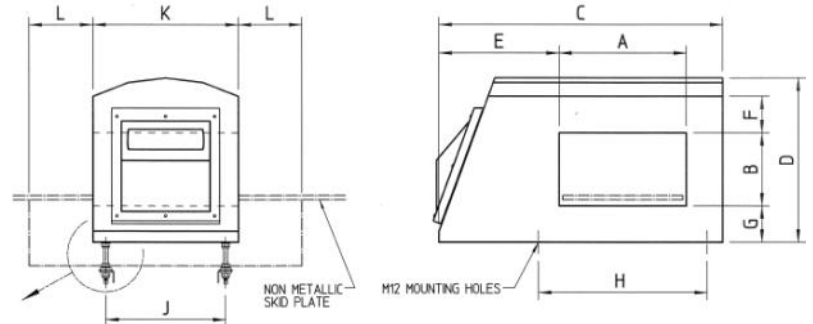
IQ³ Metal Detector

- Finish: 304 stainless steel with brushed 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: IP 69K Blue Head
IP 69K Ultra Harsh MAX
- Options: Beacon stanchion Keyboard cover
Reject confirm Bin full
LomaEnet Ethernet
Serial link Remote reports (with software upgrade)
PVS (Performance Validation System)



Technical Specification

- Simple user interface with dual line display
- Unique clam-shell design case and coil geometry
- Bifurcated and totally uniform product screen
- Upgradeable metal detector controls
- True variable 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 mm

100 150 200 250 300 350 450

Width mm

250 350 450 550 650 750 950 1150

Other aperture sizes available

DIMENSION A = APERTURE WIDTH
DIMENSION B = APERTURE HEIGHT

B	75	100	125	150	175-250	275-350	375-450
C	A+430	A+430	A+430	A+430	A+430	A+530	A+670
D	392.5	392.5	392.5	400	B+250	B+350	B+450
E	330	330	330	330	330	380	470
F	125	112.5	100	100	100	150	200
G	142.5	130	117.5	100	100	150	200
H	A+114	A+114	A+114	A+114	A+114	A+114	A+114
J	230	230	230	230	330	430	530
K	300	300	300	300	400	500	600
L	75	75	75	75	175	275	350

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