



## IQ<sup>3</sup> Metal Detector Search Heads

[www.loma.com](http://www.loma.com)

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



- **Adaptable** True multi-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:	IP 69K	Blue Head
	IP 69K Ultra Harsh	MAX
Options:	Beacon stanchion	Keyboard cover
	Reject confirm	Bin full
	LomaEnet	Ethernet
	Serial link	Remote reports
	PVS (Performance Validation System)	

## Technical Specification

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 mm

100 150 200 250 300 350 450

Width mm

250 350 450 550 650 750 950 1150

\*Other aperture sizes available

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