



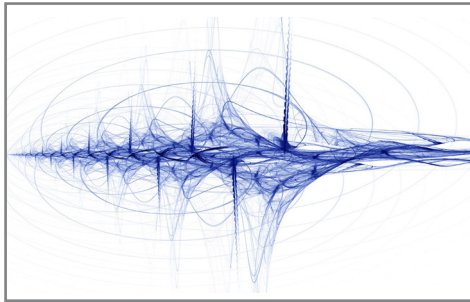
IQ4X - Rectangular Metal Detector Search Head

Designed for Food and Packaging Industry

The IQ4X metal detector search head with its Variable-Frequency capability is designed to inspect products for metal contaminants in the food and packaging Industries.

Product Highlights

- User Interface: Dual-Line screen and key pad display with simplified operation
- Auto-Learn feature saves time by easing product set-up
- True Variable-Frequency technology (31 to 937 kHz) provides best detection performance for even difficult to handle metallized-film packaging
- Multiple product memories for rapid product change over and data storage
- A range of aperture widths and heights to suit products being scanned



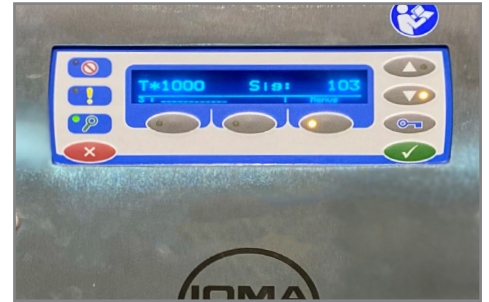
Variable Frequency Provides the Best Detection Levels

The IQ4X is built with Loma's Variable Frequency technology that allows detection levels to be optimised around a range of differing product conditions, including whether they are wet or dry.



Auto Learn Provides Simple and Fast Set-up

Enter the product details, initiate a learn and the IQ4X is automatically set-up and ready to inspect for contaminants. Fast, simple and accurate.

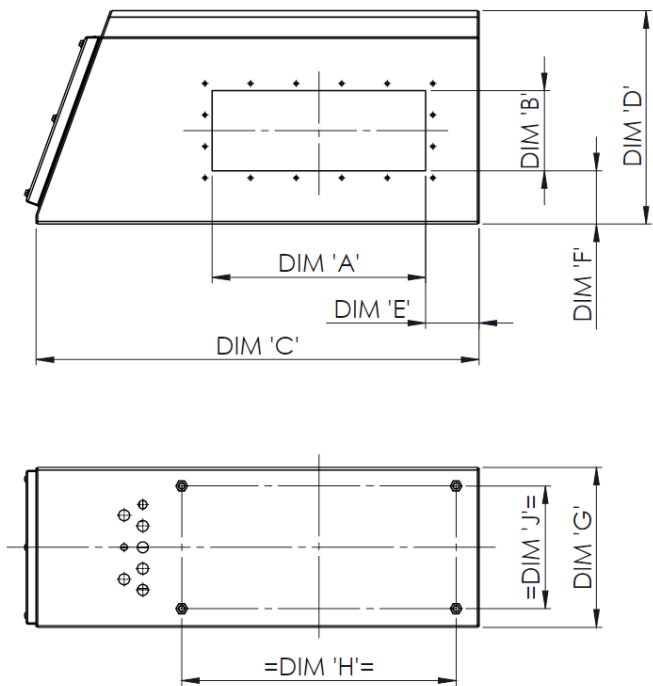


Simple and Fast Operation with the Keypad Interface

Featuring a dual-line display, the keypad provides quick and easy access to all necessary functions and status indicators



Technical Specification



Dimension A = Aperture Width
Dimension B = Aperture Height

Material of Construction	304 Brushed stainless steel
Variable Frequency	31 to 937 kHz
Supply Voltages	100 to 240 V, single phase 50/60 Hz, neutral & Earth
Power Consumption	20 VA
Temperature Range	-10 to + 40 °C (14 to 104 °F)
Humidity	0 to 95 % Relative Humidity (Non-condensing)
IP Rating	IP69
Product Memories	100
PVS Enabled	Yes
Communications Capability	- Serial Communications (RS422) for printable reports - Optional Lantronix Serial to Ethernet converter
Fail-safe Capability	Product Registration, Reject Confirmation and Bin Full Sensors Only

Head Dimensions

Preferred Aperture Width 'A'	250, 350, 450, 550, 650, 750, 850, 950, 1050, 1150, 1250									
Preferred Aperture Height 'B'	100	150	200	250	300	350	400	450	500	550
C	A + 430				A + 530		A + 670		A + 810	
D	392,5	400	450	500	650	700	850	900	1050	1100
E	100				150		200		250	
F	130	100			150		200		250	
G	300		400		500		600		700	
H	A + 114									
J	230		330		430		530		630	

All dimensions in mm. The table shows the available aperture widths and heights only. Please consult your local representative for any further information.

Other Features

- Rugged construction using brushed 304 stainless steel
- Unique clam-shell designed case and coil geometry that delivers unsurpassed levels of immunity
- For horizontal or vertical mounting. Vertical mounting will require optional remote control box (specify cable length between 1 and 15 metres)
- Compatible with auxiliary lamp/sounder option on conveyors for 360° view of system status



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