IQ3^{+E} - Metal Detection Conveyor
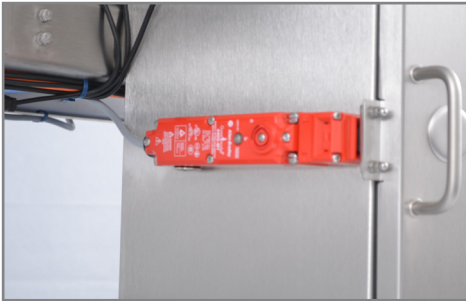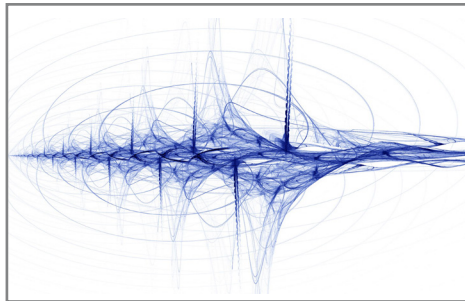## Designed for Food & Packaging Industries

Product Highlights

- With signficant improvements in signal processing, the new Auto-Learn rapidly delivers excellent detection sensitivities out of the box and provides more line uptime than ever before
- Variable-frequency detection (31 to 882 kHz)
- Full range of aperture sizes to suit products being inspected
- Multiple product memories for rapid product change over and data storage
- Multilevel password protection provides secure access

Full Retail Compliance

Systems comply with strict international standards such as IFS, BRC, and FSMA; and can also be supplied with "Higher Level Compliance" functionality to meet the strictest of Retailer Codes of Practice

Variable Frequency Provides the Best Detection Levels

The IQ3^{+E} is built using Loma's revolutionary Variable Frequency technology that allows detection levels to be optimised around a wide range of differing product conditions, including whether they are wet or dry.
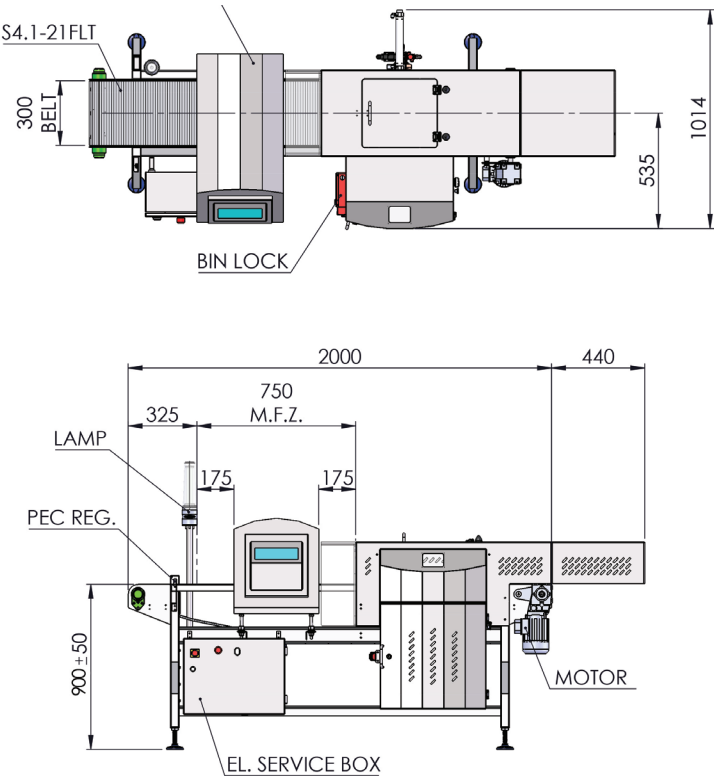
Robust "Beyond" IP69K Rating

Built with Loma's "Designed to Survive" design philosophy, the IQ3^{+E} is independently verified with an IP69K rating, meaning it is tough enough for wash-down in high-care environments.

Designed to Survive

Technical Specification

S4.1-21FLT

300 BELT

1014

535

BIN LOCK

LAMP

PEC REG.

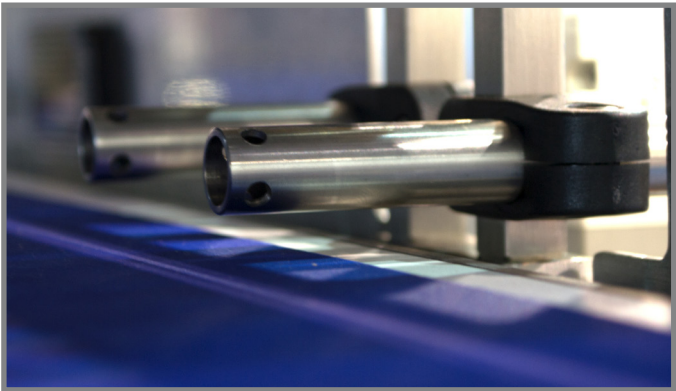2000

440

750 M.F.Z.

325

175

175

900 ±50

MOTOR

EL. SERVICE BOX

Example Model pictured: IQ3⁺ᴱ With Full Retail Compliance, sizes shown in mm

Material of Construction	304 Brushed stainless steel
True Variable Frequency	31 to 882 kHz
Supply Voltages	85 to 265V/1ph / N+E 50 or 60Hz
Power Consumption	~700 VA
Temperature Range	0°C to + 40°C (32°F to 104°F)
Humidity	0 to 95 % Relative Humidity (Non-condensing)
IP Rating	IP66 (Head IP69K)
PVS Enabled	Yes
Ethernet Capability	Yes
USB Capability	Yes
Compliance Levels	SOD, Auto Rejection, Retail, Full Retail.

Automatic Reject Options

The IQ3⁺ᴱ Metal Detector Conveyor can be configured to suit a variety of different product applications. It is available in various configurations including:

• Belt-Stop / Stop On Detect
• Pusher
• Air-blast, single nozzle
• Air-blast, dual nozzle

LOMA SYSTEMS
An *ITW* Company

In association with

BRC GLOBAL STANDARDS

PPMA MEMBER

PMMI MEMBER