

The metal detection system iMD pro with integrated conveyor contributes to your quality assurance in a reliable and flexible manner. With its robust design it is ideally suitable for the food sector. Rely on safe detection of enclosed contaminations such as steel, stainless steel or non-ferrous metals like aluminum for packaged products.



More information
High performance
with a wide range of
solutions and options.

Product description

This compact metal detection system is impressive in terms of its reliable performance and highest detection sensitivity. The robust frame perfectly integrates in the Bizerba design. A particularly short metal-free zone ensures interference-resistant and reliable detection. The flexibly adjustable height of the metal detector guarantees optimal detection of contaminations. Thanks to the variable belt speed different products can be processed on just one production line. Moreover, conveying height and direction can be adapted to a new production line, if needed. Consequently there is no need for a new acquisition. For the event of contaminations, the system is fitted with a Stop-on-Detect function (SOD) or with a rejection system.

The hygienic design and protection class IP65 allow easy and thorough cleaning.



iMD pro MSF

Highlights

Highlights frame construction:

- Requires little space due to its compact frame design
- Enhanced detection due to variable height adjustment of the metal detector
- Easy cleaning due to belt change without tools

Highlights metal detector:

- Variable metal detector: Single Frequency (SF), Multi-Frequency (MF) and Multi-Simultaneous Frequency (MSF)
- Special EMC combi filter to suppress external interferences
- Intelligent sensitivity adjustment and high interference resistance
- Meets latest HACCP, IFS and BRC requirements

Highlights MSF:

- Intuitive operation with 7" touchscreen
- Product effect compensation with auto-learn function
- Automatic calculation of the smallest detectable contamination



iMD pro SF

Options

- Product-specific rejection systems: Pusher or air jet nozzle with connectible reject bin
- Higher Level Compliance package: Fail safe, warning device, self-monitoring
- Warning device combination (signal lamp + horn): Error display, error and metal display
- Warning device (4 signal lamps + horn): Error display, error and metal display, ready for operation, AuditCheck
- Mobile conveyor with four lockable guide rollers
- Reporting via BRAIN2 Software



Height Adjustment

My Bizerba

We offer you solutions from a single source which can be customized and allow you to respond to any change in a flexible manner. Benefit from costs which can be planned and efficient processes. We are happy to advise you.

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