

TMDR - End of Line Metal Detection System with Reject

Metal detection system with integrated conveyor and reject system

Artemis



- Complete integrated system with conveyor (belt width up to 500 mm)
- For the total inspection of individually packaged product (up to 30 kg)
- High integrity metal detection and separation
- Meets all IFS, EMP and BRC requirements
- Options for dry and wet applications
- Available with pusher, air knife, paddle, snap arm and drop in conveyor reject options

TMDR metal detection systems detect all ferrous and non-ferrous metals (steel, stainless steel, aluminium etc.) which may be contained in the product. It is used for inspecting packaged and unpackaged items.

Various reject unit options are available to meet customers' specific requirements (including pusher, air ejection nozzles, sweep arm etc.) and also a lockable container for rejected product.

TMDR is available in standard belt widths up to 500 mm and aperture heights up to 250 mm. The standard version comprises the following main components:

- TMD tunnel metal detector
- Special belt conveyor

Designed specifically to optimise detection sensitivity and with an excellent price/performance ratio and fast delivery times, TMDR offers the best solution for a wide range of applications.

- GF coil technology (very short metal-free zone) enables the length of the conveyor belt to be kept to a minimum
- Open, easily accessible, easily cleaned, hygienic design
- Manufactured in stainless steel and fully welded, guaranteeing years of high performance and reliability
- Bead-blasted finish meets exacting hygiene standards of the food industry
- Flexible, the conveyor belt can be adapted to suit many different product characteristics
- DUAL and QUATTRO multi - frequency technology capability (optional) for products with high product effect or special packaging



TMDR - Eco range version with conveyor belt, metal detector and simple "stop-on-detect" function designed

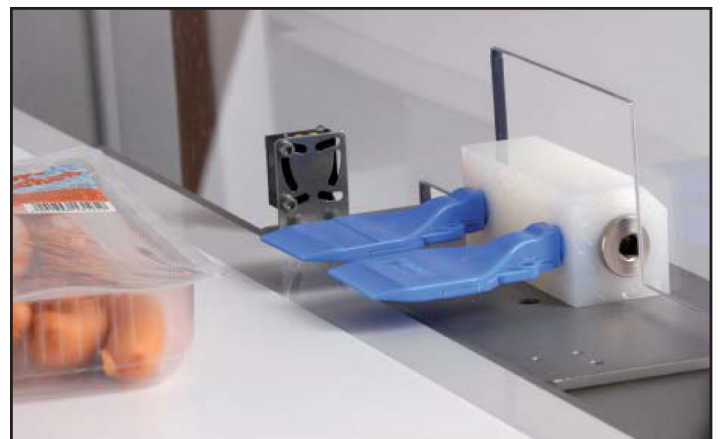


TMDR separation system with conveyor belt, metal detector and reject unit

The TMDR metal detection system is supplied with the Interact+ control unit as standard.

Features of the Interact+ control unit

- Highest sensitivity to all metals (2 channel signal evaluation)
- Digital signal processing and quartz-stable search frequency
- State of the art microprocessor technology with self monitoring and auto balancing
- Product effect compensation with auto-learn function
- Multi-product memory
- Password protection
- New EMC combi filter (resilient against electrical interference)



TMDR standard version with conveyor belt, metal detector and simple "stop-on-detect" function designed

If you have any more questions, require technical assistance or would like a quotation, please contact us.

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