

# Throat Metal Detectors

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Throat metal detectors manufactured by METTLER TOLEDO Safeline are designed specifically for the inspection of free-falling



products in vertical packaging applications. ZMFZ technology eliminates the need to allow space between the metal detector head and the metal components of the production line where it will be installed, thus allowing it, for example, to be placed in the confined space typically found between the outlet of a multi-head weigher and the inlet to a bagger. This technology saves valuable production line real estate while adding superior detection capability to the line. The detector benefits from an advanced detection coil system and new detector head geometry that delivers incredible levels of sensitivity, with improvements of greater than 30% in typical food production environments. Applications include the inspection of snack foods, cereals, confectionery, IQF (Individually Quick Frozen) products and any products packed in a VFFS (Vertical Form-Fill-Seal) bag-making operation.

[METTLER TOLEDO Safeline](#) [1]

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