

IFS conforming Metal Detections without dangerous X-Rays

AluScan metal detectors detect minute Stainless Steel contaminants in conductive products



Meat and cheese do not create a "product effect"

In some cases there are applications where the AluScan measuring system is ahead when compared to conventional metal detection technology. Products such as fresh meat or cheese, cause no disturbing product effect in the AluScan. Dampness, salt or fluctuating product temperature have no influence on the results. The AluScan detects wires and chips uniformly well, regardless of orientation. There are no signal differences caused by differences in contaminant orientation. The ideal solution when the goal is to detect fragments of an injection needle in the neck portion of a piece of pork or broken links from the butchers glove in a piece of meat.



X-ray scanners do not always fulfill the desired expectations under production conditions. Frequently the problem is with the product itself. It has too many density differences. At other times it is the irregularity of the production process that requires high evaluation tolerances. Sometimes the use of an x-ray scanner is immediately eliminated because the high capital cost and maintenance cannot be economically justified.

Stable aluminum packaging does not affect detection

The AluScan metal detector series from MESUTRONIC is an interesting value proposition which should always be considered in most applications. The centerpiece of the system is an intelligent magnet field surfaces sensor which detects exclusively the remaining magnetism from metallic contaminants. This means that even the smallest stainless steel and ferrous contaminants can be detected reliably and without false rejects in aluminum packaging.



No dangerous x-ray radiation and no wear

The list of the AluScan advantages can be expanded as desired, especially in comparison with the x-ray scanner. Magnetic field area sensors belong, for example, to the group of passive sensor elements that do not fall under the x-ray decree and do not need to be registered. In contrast to the x-ray technology, the AluScan measuring system works totally without wear and causes practically no operating activity. Also, because the AluScan metal detector does not emit dangerous x-ray radiation, no one demands the services of a radiation protection expert. These are long term, economic cost advantages.

Please visit us at the FachPack 2007 to see the exciting AluScan. We are in Hall 9, Booth 125



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metal free
products

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THE POWER OF METAL DETECTION

Metal Detectors and Separators

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