



SWISS CONFECTIONERY PRODUCER IMPROVES QUALITY WITH MODERN X-RAY SYSTEM

Patswiss' philosophy is inspired by quality; this can be seen in its traditional artisan skills, knowledge resources, processing methods, and focus on raw materials, all while having long-lasting and personal relationships with the producers and with an X-ray inspection system from Mekitec.

Founded in 1905, Patiswiss, a Swiss confectionery producer and distributor, has established a well known brand and a broad customer network domestically and internationally. Its business philosophy is inspired by quality; this can be seen in its traditional artisan skills, knowledge resources, processing methods, and focus on raw materials, all while having long-lasting and personal relationships with the producers. This is why numerous influencers in the confectionery industry trust Patiswiss' high-quality, semi-finished goods.

In the confectionery industry where brand and customer loyalty are key competition advantages, Patiswiss' clients are both quality-conscious and demanding. To ensure its own deliverables and fulfill customers'

rigorous quality standards, Patiswiss was looking for a modern food quality control system.

Patiswiss' products, packaging, and business objectives increased the requirements and challenges for the inspection system alternatives. For instance, the company utilizes the standard aluminum bag packaging, which limits the use of metal detection technology.

The main challenge of the inspected product is in its content composition. The mix of sugar, kernels, and other ingredients form a very busy and tight mass. Besides, some items in Patiswiss' product portfolio are relatively large and may weigh even up to 10kg. Inspecting such products, so

patiswiss
Inspired by Quality

Mmekitec
FOR SAFE FOOD

that they fulfill the high standards, requires sophisticated technology combined with accurate software algorithms.

Efficient Solution For A Complex Product

In May 2014, during the Interpack exhibition in Düsseldorf, Germany, Patiswiss met the representatives of X-Ray food inspection company Mekitec. With previous experience in confectionery X-Ray inspection, Mekitec found a suitable solution with an optimal value-price proposition.

“The main benefits of MEKI systems are the value-price proposition, the high quality finishing of the machinery, and easy intuitive user interface,” says Erich Schuepbach, Head of Production and member of the executive board of Patiswiss.

The first MIDMEKI, a food inspection system designed for medium to large-sized packaged goods, was delivered in the summer 2014, only a few weeks after initial contact at Interpack. Patiswiss’ main concerns are foreign objects — mainly metal, stones, and glass. X-Ray technologies can effectively

detect and remove these contaminants, even from large aluminum bags.

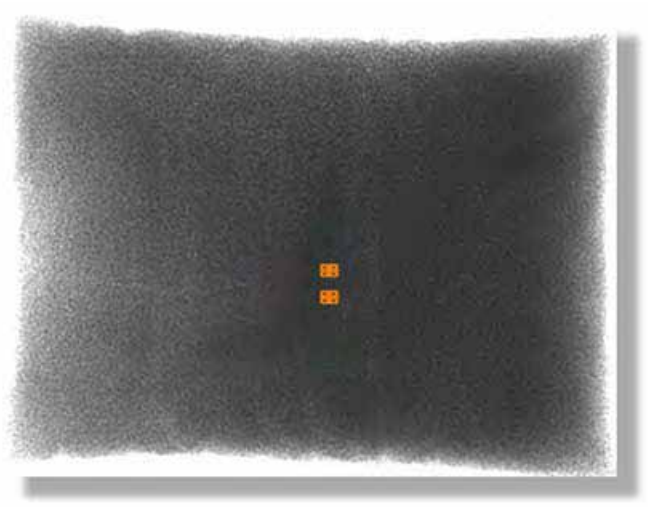
Fulfilling Customer Quality Needs — Now And In The Future

After the initial Mekitec service set up the system and trained the employees to operate it seamlessly. “Mekitec, as a company, has always been very positive and prompt in communication and support,” Schuepbach continues. “Patiswiss is a very quality-driven and professional organization. Thus, it was important to find the right solution together with them. Detection performance and total lifecycle cost were of course important parameters,” says Lars Oehlandt, Sales Director at Mekitec.

The X-Ray system does not only detect and remove the foreign objects or faulty products, but it also gathers and processes the data from production cycles in a reportable format.



This enables Patiswiss to gather valuable process information to develop its production quality to a higher standard. “Patiswiss’ mission is to fulfill our customer’s quality needs in the best possible way — now and in the future. X-Ray will play an important role in execution,” ends Schuepbach.



MEKI stores image of every fault product and pinpoints the contamination.

INFO: MIDMEKI

Detection limits, Patiswiss: 10kg
heterogenous aluminum bag:
Stainless steel 0.8mm, Glass
2mm, Stone 2mm.

MIDMEKI combines the benefits
of metal detector pricing with the
X-ray inspection performance -
now for products up to 400mm
width and 200mm height.

Suitable food products include
aluminum bags, trays, cans and
bulk.

Example industries: bakery,
dairy, meat & seafood, snack,
fruits & vegetables, ready-to-eat
food, frozen, confectionery, cere-
als and bulk.

About Mekitec



Mekitec has a combined experience of several decades in the development, industrialization and manufacturing of X-ray imaging systems, applied in medical, security and safety areas. This unique combination of in-depth knowledge of various industries has enabled the management to invest in long-term research and development especially for the food industry. The results of this focus and dedication are the state-of-the-art X-ray food safety systems that Mekitec supplies to its customers globally.

The product range is a high-performance, user-friendly and very space and cost competitive

X-ray technology system called MEKI. It is revolutionary as it provides 100% food quality control with high precision X-ray inspection that is designed to replace the simple metal detector with a similar investment. What's more, MEKI with its small and compact footprint, easily fits in every production line, thereby saving useful space in the factory.

With the MEKI range, food producers finally have the choice: To enjoy a fully automated, high precision and small yet cost-effective X-ray food inspection system. The groundbreaking MEKI systems provide food quality control without compromise!