BULK MIDMEKI
– Food X-Ray Inspection

X-ray inspection has become the standard for ensuring food safety, and with Mekitec's solutions, you never have to compromise. Give yourself and your customers true peace of mind by choosing Mekitec.

MIDMEKI for Bulk Production

The BULK MIDMEKI model extends our trusted technology to bulk food applications. It enables food producers to secure the quality of their raw materials and unpackaged products with exceptional detection accuracy and sensitivity.

The BULK system is specifically designed for the inspection of unpackaged bulk products such as nuts, dried fruits, seeds, and vegetables. Its product feed and handling can be tailored to fit your production process and requirements, ensuring seamless integration and optimal inspection performance.

As with all Mekitec X-ray systems, the BULK MIDMEKI focuses on what truly matters to food producers; reliable detection, consistent performance, and excellent value. Our solutions combine advanced X-ray imaging technology with practical design, delivering the best performance-to-value ratio for the most important stakeholder — our customer.
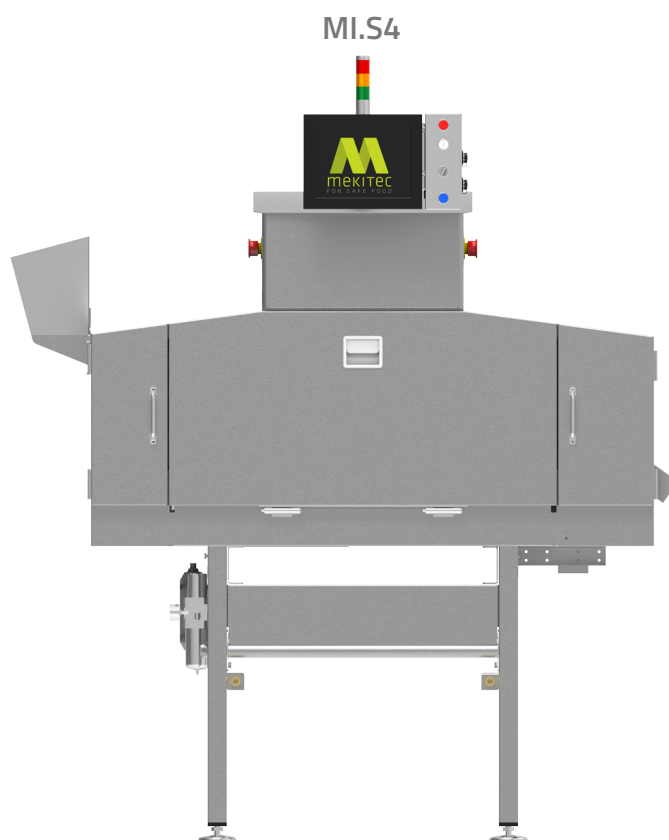
MIDMEKI is suitable for industries such as:

For more information, visit www.mekitec.com

X-Ray Inspection System for Bulk Production

MI.S4

TECHNICAL SPECIFICATIONS

Conveyor speed	0.54–0.9 m/s
Conveyor load capacity	20 000 kg/h
X-ray power	40–80kV, 1–8mA, max. 200W
X-ray leakage	less than 1µSv/h
Detector	Linear scanner, resolution 0.4mm
Software	Mekitec X-Ray Inspection System SW
Operating system	Windows 11
Connectivity	USB, Ethernet
HMI	12" Color TFT LCD Screen
Operation Temperature	0–35°C ambient
Cooling	Optional cooling system
IP rating	IP65
Relative humidity	30–85%, non-condensing
System power supply	110/240VAC, 50–60Hz
Dimensions (W x D x H)	1720mm x 720mm x 2020mm
Weight	315kg
Material	Stainless steel, brushed
Rejection	Automatic reject system
System conveyor	EU and FDA food use approved conveyor belt
Radiation protection	EN 61010-02-091, FDA CFR 21 part 1020, 40
Safety system	Safety circuit CAT 3, Performance Level PL d

Bulk MIDMEKI is especially suitable for the inspection of bulk production. For other applications, such as packaged product inspection, please refer to the datasheets of MEKI™, MEKI™ ONE, MIDMEKI and SIDEMEKI.

Mekitec Oy, info@mekitec.com, www.mekitec.com