HIGHER MIDMEKI
– Food X-Ray Inspection

X-ray inspection is the trusted choice for food safety, and with Mekitec, you don't have to compromise on quality or traceability. Give yourself and your customers peace of mind by choosing Mekitec.

HIGHER MIDMEKI

Building on the classic MIDMEKI system, the higher version expands its capabilities with a more powerful generator and a wider detection area. It is designed to inspect thick and dense products with outstanding image clarity, making it easier to detect even the smallest anomalies.

The higher MIDMEKI is ideal for inspecting wide or dense products such as cheese wheels, butter blocks, large bags, trays, and secondary packaging like boxes or multipacks.

As with all Mekitec X-ray systems, the higher version focuses on what truly matters; reliable detection, consistent performance, and excellent value for food producers worldwide.

MIDMEKI is suitable for industries such as:

For more information, visit www.mekitec.com

X-Ray Inspection System for Thick Products

MI.S5
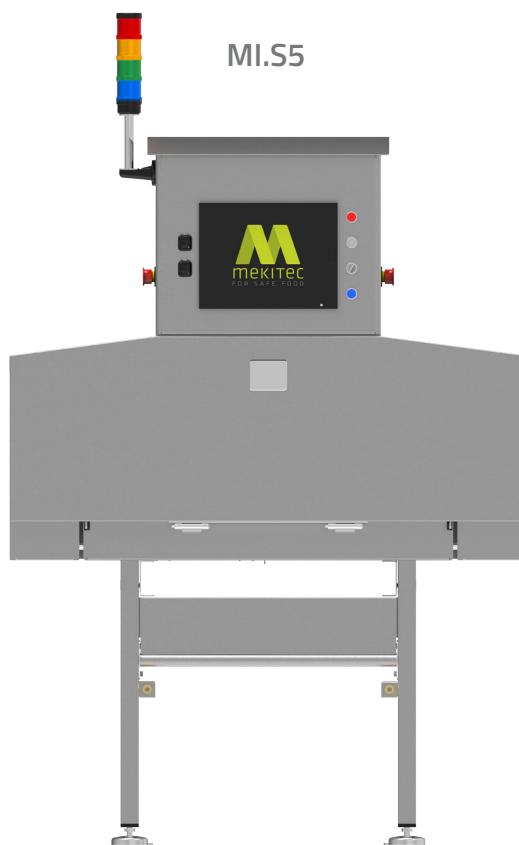
TECHNICAL SPECIFICATIONS

Conveyor speed	0.54–0.9m/s
Conveyor load capacity	max. 20kg
X-ray power	60–150kV, 1–8mA, max. 500W
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	15" 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)	1400mm x 760mm x 2300mm
Weight	450kg
Material	Stainless steel, brushed
Rejection	Automated reject system with reject bin
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

DETECTION AREA

Maximum product height (mm)

180	290
160	300
140	310
120	320
100	330
80	340
60	360
40	370
20	380
0	390

Maximum product width (mm)
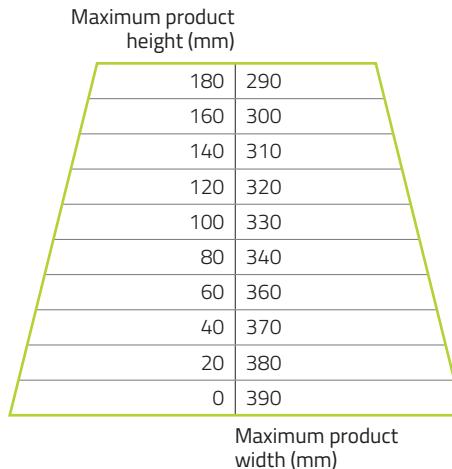
Inspected product must fit completely inside the detection area. Maximum product length will be defined by the selected rejection box and product features.

MIDMEKI 500W is especially suitable for the inspection of packaged products and trays with several products. For other applications, please refer to the datasheets of MEKI™, MEKI™ ONE and SIDEMEKI.