

SideChek High Performance



X-ray Inspection of Vertical Containers

The METTLER TOLEDO Safeline SideChek X-ray inspection systems offer the highest level of detection capability of packaged food and pharmaceutical products in vertical rigid containers such as plastic bottles and fiberboard canisters. The systems detect and automatically reject contaminants as small as 0.8mm, including metal, stone, glass and bone

SideChek system operates at production line speeds up to 600 feet per minute, inspects up to 1,200 pieces per minute, and offers the choice of 8 or 12-inch tall inspection area.

With a 100-Watt x-ray generator, multiple x-ray beam height choices and advanced software algorithms, we optimize the detection performance of the SideChek specifically for your application.

SideChek also offers optional sanitary specifications, including 3-A and AMI, and NEMA PW12/IP69K high temperature and high pressure wash-down protection.

SideChek is built to exacting, robust METTLER TOLEDO Safeline standards, enabling it to deliver maximum uptime performance with minimal maintenance.

SideChek

High Performance

Features and Other Benefits:

- Rated NEMA 4/IP65
- Modular design for ease of maintenance and reliability and to increase uptime
- Sanitary design and toolless disassembly for ease of cleaning
- Lowest lifetime total cost of ownership in the industry
- Robust material handling system designed for demanding US manufacturing environments
- US-sourced components for maximum reliability and spare parts availability

Specifications

Model	SideChek
Inspection Software	Windows XP Professional with user definable inspection algorithms
Connectivity/Data	External USB or Ethernet RJ45 port/ Ethernet IP or OPC communication data available
Display	Full color TFT 15-inch touch-screen
Cabinet/Conveyor	304 Stainless Steel
Cooling Method	Heat exchanger or air conditioner
Ambient Humidity	30-85%
Ambient Temperature	32 to 104°F
Scan Height	8 or 12 inches
Belt Speed*	VFD controlled maximum 600 fpm
Input Power	110 or 230VAC, 50 / 60Hz, 16 Amp
Belt Width*	6 inches
Environmental Protection	NEMA 4 / IP65 standard; NEMA PW12 / IP69K optional
Cleaning	Low pressure spray standard; high pressure spray optional
X-ray Generator	70KV 1.5mA, 84KV 1.2mA, 50KV 2.0mA
Detector	0.4mm, 0.8mm, 1.5mm pitch
X-ray Emissions	< 5 µSv per hour
X-ray Protection	Line of sight, curtains, shielding
Certifications	CE standard; optional UL61010-10, CUL, 3A and AMI
Controls	Allen Bradley

* METTLER TOLEDO Safeline supplied conveyor system only.



Mettler-Toledo Safeline

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