

SmartChek Plus High Performance



X-ray Inspection of Packaged and Bulk Products

The METTLER TOLEDO SmartChek Plus X-ray inspection systems offer the highest level of detection capability of packaged food products such as a frozen entree in an aluminum tray, yogurt in a plastic cup or bars in metalized film. The systems detect and automatically reject contaminants as small as 0.8mm, including metal, stone, glass and bone.

SmartChek Plus system operates at production line speeds of 50 to 250 feet per minute, and offers the choice of 12 to 24-inch wide inspection areas.

SmartChek Plus systems can also be fully customized to fit a production line rather

than requiring the production line to be re-configured to accommodate the equipment.

With multiple x-ray generator and detector configurations and advanced software algorithms, we optimize the detection performance of the SmartChek Plus specifically for your application.

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

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

SmartChek Plus

High Performance

Features and Other Benefits:

- Rated NEMA 4/IP65
- Modular design for ease of maintenance and increased 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	SmartChek Plus
Inspection Software	Windows CE Embedded
Connectivity/Data	OPC, Web server, VNC, /R45 Ethernet and USB
Display	Full color TFT 6-inch touch-screen
Cabinet/Conveyor	304 Stainless Steel
Cooling Method	Tank externally mounted – self cooled
Ambient Humidity	30-80%
Ambient Temperature	41 to 105°F
Scan Width	12, 16 and 24 inches
Belt Speed	VFD controlled maximum 50 – 250 fpm
Input Power	110 or 230VAC, 50 / 60Hz, 16 Amp
Belt Width	13, 17 and 25 inches
Environmental Protection	NEMA 4 / IP65, NEMA PW12 / IP69K optional
Cleaning	Low pressure spray, high pressure spray optional
X-ray Generator	50KV 2.0mA, 70KV 1.5mA, 84KV 1.2mA
Detector	0.8mm, 1.5mm pitch
X-ray Emissions	< 5 µSv per hour
X-ray Protection	Line of sight, curtains, shielding
Certifications	CE standard; UL61010-10, CUL and AMI optional
Controls	Allen Bradley



Mettler-Toledo Safeline

6005 Benjamin Road, Tampa, FL 33634
 Toll Free: 800-447-4439
 Tel: 813-889-9500
 Fax: 813-881-0840
 E-mail: safeline.sales@mt.com

Subject to technical changes
 © 5/2011 Mettler-Toledo Safeline
 Printed in the US

www.mt.com/safelineus

For more information