

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

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
© 6/2011 Mettler-Toledo Safeline
Printed in the US

www.mt.com/safelineus

For more information