

PowerChek X-ray Inspection System



Simplicity of Operation

Full color, high resolution touch screen gives you full control of the system without the need for a keyboard.



Sanitary Design

All Safeline x-ray systems meet sanitary design standards with AMI and 3A Dairy designs available as options.



Extreme Washdown Protection

Safeline's X-ray inspection equipment withstands the harshest washdown environments and is rated to NEMA 12 standards, optionally to NEMA 4X.

Inspection of Packaged Products

Safeline PowerChek is designed for a wide variety of inspection needs across the food, pharmaceutical and personal care industries. Utilizing a vertical single beam, the PowerChek detects many contaminants including metal, stone, glass, bone, and high-density plastic. Product mass can be accurately measured for over/under inconsistencies. A variety of optional reject mechanisms are available.

The PowerChek incorporates an electronically controlled low powered x-ray generator combined with proprietary data and image analysis software.

PowerChek X-ray Inspection System

- User Friendly
- Detection and elimination of contaminants such as metal, glass, stone, bone, and plastic
- Monitoring of over & under weights

A superior range -

All models within Safeline's PowerChek systems are efficient, low-maintenance and easy to operate. All feature the same sophisticated technology to ensure maximum sensitivity and accuracy, whatever the application. This latest system from Safeline is designed to meet stringent food and pharmaceutical industry requirements. Quality is high as you would expect from METTLER TOLEDO SAFELINE, with standard machines being sealed to NEMA 12. NEMA 4X sealing is available as an option for use in particularly harsh environments including high pressure washdown.

PowerChek X-ray Inspector Specifications

Core technology	Unique low energy technology for optimal sensitivity
Operating System	Windows XP
User Interface	15" Full color, touch screen display with real automatic set-up software - no keyboard required
Inspection Rate	Up to 400 feet/minute
Inspection Widths	300, 400, 500, and 600
Detector	High resolution linear array: available in 0.4mm, 0.8mm and 1.5mm diode sizes
Inspection Software	Adaptive automatic product variation compensation
Power Requirements	110v – 220v ac, 10amp, single phase, 3 phase optional
X-ray Generator	50Kv 2.0mA, 70Kv 1.5mA, 80Kv 4.5mA - Beryllium window optional
Connectivity	External USB and Ethernet port
Sealing	Standard NEMA 12, optional NEMA 4X

Safeline - making your products safer.

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Subject to technical changes

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