

The PX-4016 X-Ray Inspection System is an advanced, high-precision inspection solution designed for modern manufacturing industries that demand the highest level of product safety and quality assurance.



PX-4016

Why X-Ray Inspection Is Essential in Today's Industry

- Strict food & pharmaceutical safety regulations
- Increasing customer quality expectations
- Export compliance requirements (EU, USA, Japan)
- Risk of product recalls and brand damage
- Retailer audit requirements (BRC, IFS, HACCP)

Traditional metal detectors are no longer sufficient for complex packaging or non-metal contamination.

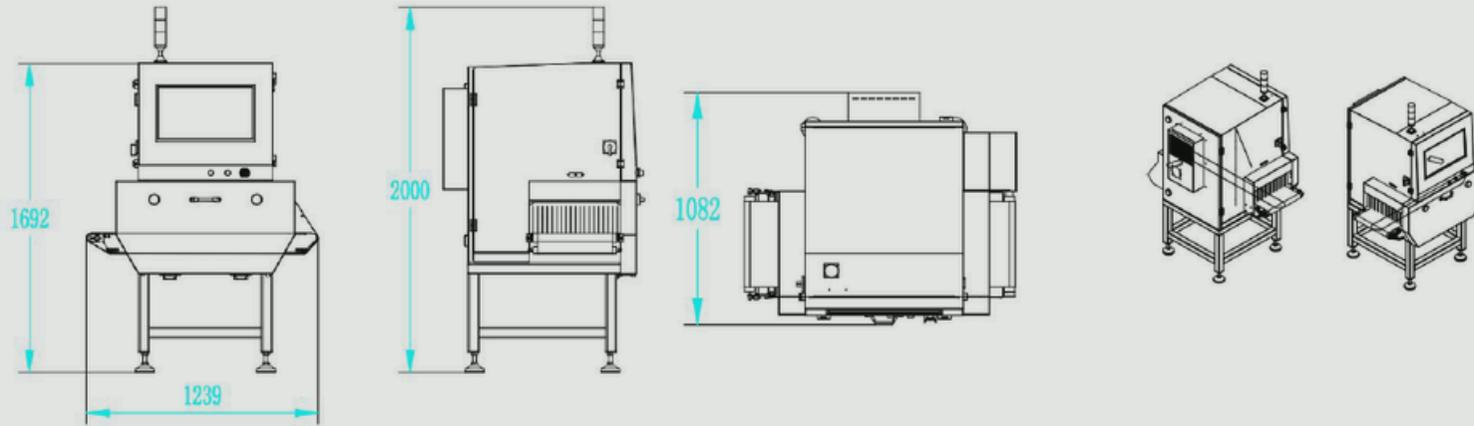


X-Ray Inspection Machine

MODEL PX-4016

Inspection System
Advanced Foreign Body & Defect
Detection for Modern Industry

drawings



Smart X-Ray Quality Control System

The PX-4016 X-Ray Inspection System is a powerful, intelligent, and reliable inspection solution designed to meet the strict safety and quality demands of modern industry. In today's market, X-ray inspection is not merely equipment – it is a strategic investment in quality, compliance, and brand protection.

Technical Specifications

Inspection Tunnel

- Tunnel Width: 400 mm
- Tunnel Height: 160 mm
- Belt Width: 400 mm
- Speed: 10–60 m/min
- Height to Ground: 860 ±50 mm (customizable)

Detection Performance

- Detector Resolution: 0.4 mm
- Metal ball detection (FE/NON-FE/SUS): Ø0.6 mm
- Metal strip detection: 0.3 x 2 mm
- Glass ball detection: Ø1.5 mm
- Ceramic ball detection: Ø1.5 mm

X-Ray Generator

- Voltage: 40–80 kV adjustable
- Current: 200–5000 µA
- Generator Power: 210 W
- Radiation Safety: ≤1 µSv/h

Protection & Structure

- Transmission Part: IP67
- Other Areas: IP56
- Material: SUS304 Stainless Steel
- Belt: Food Grade PU

Electrical Supply

- AC110V / 220–240V, 50/60Hz (1 Phase)
- AC400V, 3 Phase ±10%

Environment

- Operating Temperature: -10°C to 40°C
- Working Humidity: 30–90% RH

Rejection System

- Standard: Pusher + Reject Bin
- Optional: Air Blower / Flip Rejection
- Alarm: Light & Audible Signal