# X-ray Machine

X ray foreign matter scanner machine can be applied in food, pharmaceutical, chemical industry to detect metals and non metals. X-ray detector scanner not only can precisely identifies foreign matters belonging to all kinds of products, such as metal, bone, glass, china, stone, hard rubber, hard plastic etc, but also can provide excellent detection of product integrity, identify defects of product etc. X ray machine is a new kind of machine that based on the newest x-ray imaging and image processing technology, which completely accords with European standard.

**Main Functions:**

1. Improved reporting function: support reporting of product detection, operating detection, maintenance statistics, and alarm statistics etc; support the statement exported to the Excel, can connect with SPC system; can create all kinds of reporting according to different conditions.

2. Dynamic image monitoring function: support device alarm system, and can connect with upper PEMA system. Totally simulate actual dynamic image monitoring, so any breakdown of device are very clear.

3. Automatic preservation: the pictures of detection results can be preserved automatically, which is easy for users to look up.

4. Improved software function: advanced shielding function, can provide best sensitivity of detection; have function of detection of defects.

**Features:**

1. High and reliable security

·X ray's leakage rate is less than 1μSv/hour, which accords with American FDA standard and CE standard. Radiation produced to food is fairly less than 1Gy, so it is very safe.

Improved safety construction can effectively reduce leaking accident because of users' wrong operation.

2. Friendly human-machine interaction:

High resolution 17 "LCD full color and touch display is easy to achieve human-machine interaction. Automatically setting detection parameter, greatly simplifies operation procedures. Automatically preserving detection pictures.

3. Strong ability to adapt environment

Environment temperature is -10°C--40°C, which can help food keep fresh in long-term bad production environment. Full airtight case is waterproof and dustproof.

Equip high-property dehumidifer, which can bear　humidity of 90％.

## Specification

| Model | XS-3019 | XS-4025 | XS-6035 |
|---|---|---|---|
| X-ray source | 150W 80kV | 150W 80kV | 210W 80kV |
| Detecting width | 300mm | 400mm | 600mm |
| Detecting Height | 190mm | 250mm | 350mm |
| Best sensitivity | Stainless steel ball: Φ 0.4 mm    Glass ball: Φ 1.0 mm;    Ceramic Ball: Φ 1.0 mm | | |
| Conveying speed | 10-50m/min. | | |
| Screen | 17 Inches Full Color Touch Screen | | |
| Interface for data | LAN Port, USB Port | | |
| Working environment | Temperature: -10℃-40℃ (Cooling: industrial air conditioning), Humidity: 30%-90% ，  No frost (humidity control: dehumidifier) | | |
| X-ray leakage | ＜1μSv/hour | | |
| Protective mode | Protective soft curtain, removable. | | |
| Alarm | Sound and light alarm, stop, and rejection are optional | | |
| Power supply | AC220V ±10%   50/60Hz，   1.5kVA Max | | |
| Protection level | IP65 | | |
| Material | SUS304 | | |
| Applicable products | Packing or without packing products | | |
| Affordable weight on conveyor | Standard: Max 5 Kg on conveyor | | |