General specifications

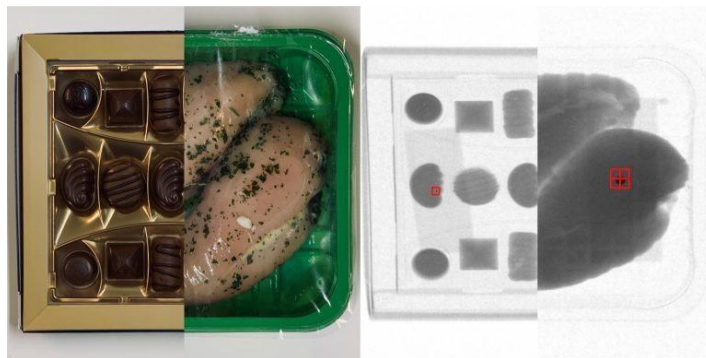| PHYSICAL SPECIFICATIONS	
Best detection accuracy	Stainless steel SUS304 ball: φ0.4mm, ceramic ball: φ0.8mm, glass: φ1.0mm
Tunnel Size	440(W) * 160(H) mm
Maximum detection width	400mm
Maximum detection length	400mm
Maximum detection height	150mm
Conveyor height	700 mm
Conveyor belt speed	3-80 meters/minute
Belt bearing capacity	10kg
Protection level	IP66
Inspected items packing	in bag, box, or bulk
Material	Main body: SUS304 Conveyor belt: high-strength polyurethane 1.2mm green food grade PU belt Lead curtain: Food grade, detachable and easy to clean
Cleaning	Tool free removal of conveyor belt, easy to clean
Dimension	850 * 730 * 1679mm (L * W * H)
Net weight	210kg
Packing size	120*90*157cm
Gross weight	280kg
X-RAY AND IMAGING	
X-ray generator voltage	80kV
X-ray generator current	2-3mA
X-ray leakage	≤1μSv/h
Scanning method	Linear scanning
Ray direction	Downward
Pixel size	0.4mm
Monitor	17 inch LCD touch screen
Operation	Touch screen operation
Operation System	Linux System
Data interface	USB 3.0
Detection	automatic alarm by AI or manual
Alarm	sound and light
Optional rejecter	NG shutdown, air jet, swing arm, push rod, sinking, flipping, etc. to be customized

Product highlights

MTC-41XPROS1 Food x-ray scanner is foreign material x-ray inspection system designed to inspect food and drug, to detect metal and non-metallic foreign materials in products with high sensitivity and stability, improving the quality of finished products. It can detect the tiny foreign materials in food and pharmaceutical products automatically. With embedded Linux operating system and integrated hardware configuration, it is fast, stable and convenient to operate. With SUS304 stainless steel in all surfaces, MTC-41XPROS1 is clean for food and easy to be kept clean.

WORKING CONDITION

Power supply	AC220 / 230V, 50 / 60Hz, Optional 110V
Operation temperature	5-40 ℃
Operation humidity	30-85% (none condensation)

Imaging

Drawing