

Интеллектуальные системы рентгеновского контроля утечек X-ray TECHIK

Технические характеристики

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Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Россия (495)268-04-70

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Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
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Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Intelligent Sealing, Stuffing, Leakage X-ray Inspection System



Lax sealing and material stuffing are the first of several stubborn issues in the processing of snack foods, causing "leak oil", flowing into the subsequent production line, polluting the product and causing short-term food deterioration.

Shanghai Techik launched the intelligent X-ray Inspection System, and could solve the unresolved problems of material clamping and oil leakage in aluminum foil packaging, plastic packaging, small bags, medium bags, vacuum packaging and etc.

Features:

1. Contaminants Detection
2. Oil Leakage and Stuffing Detection
3. Online Weighing
4. Visual Inspection
5. Flexible Solution
6. TIMA Platform

Main Advantages:

Contaminants Detection

All-round detection of small metal, non-metal foreign bodies and pollutants in the package. For example: metal, glass, stones and other malignant impurities; plastic flakes, mud, cable ties and other low-density pollutants.

Oil Leakage and Stuffing Detection

Using high-speed high-definition TDI technology detector, the exposure effect is 8 times that of traditional detectors, which can detect and accurately reject the sealing quality of oil and bulk packaging. For example: oil leakage sealing, sealing with material pinched in bag mouth, oily juice contamination, etc.

Online Weighing

At the same time of quality inspection, high-speed and high-precision weight compliance inspection and precise rejection can be realized, and the inspection accuracy can be as high as ±2%. Overweight, underweight, empty bag, etc.can be inspected.

Visual Inspection

Built-in Techik's independent research and development of the visual inspection system of Supercomputing, which can conduct quality compliance inspections on the appearance of product packaging. For example: wrinkles at the seal, skewed press edges, dirty oil stains, etc.

Flexible Solution

Exclusive and complete solutions can be customized according to customer needs. For example, according to the size of large, medium and small bags, you can choose the corresponding detection plan, and you can also choose the air blowing or flap rejection method.

TIMA Platform

It is another masterpiece based on the Techik TIMA platform, adhering to the production concept of food detection equipment. It integrates R&D concepts such as high precision, low energy consumption, low radiation, modular hardware, intelligent algorithms, scientific and technological appearance architecture, and high hygiene level.

Parameters

Model	Standard TXR Series							
Standard	2480	4080	4080L	4080S	4080SL	4080SH	5080SH	6080SH
X-ray Tube	MAX.80kV, 150W	MAX.80kV, 210W		MAX. 80kV, 350W				
Inspection Width	240mm	400mm					500mm	600mm
Inspection Height	110mm	160mm	100mm	160mm	100mm	220mm	250mm	300mm
Best Inspection Sensitivity	Stainless steel ball Φ0.3mm Stainless steel wire Φ0.2*2mm Glass/Ceramic ball Φ1.0mm					Stainless steel ball Φ0.4mm Stainless steel wire Φ0.2*2mm Glass/Ceramic ball Φ1.0mm		
Conveyor Speed	5-60m/min					10-40m/min		
O/S	Windows 7							
Protection Method	Soft curtain							
X-ray Leakage	< 1 μSv/h (CE Standard)							
IP Rate	IP65 (Under belt)							
Working Environment	Temperature: -10-40℃							
	Humidity: 30-90% no dew							
Cooling Method	Industrial air conditioning							
Rejecter Mode	Sound and light alarm, belt stops (Rejecter optional)							
Air Pressure	0.6 Mpa							
Power Supply	1.5kW							
Main Material	SUS304							
Surface Treatment	Mirror polish / Sand blasting							

Note:
The technical parameter above namely is the result of sensitivity by inspecting only the test sample on the belt. The actual sensitivity would be affected according to the products being inspected.

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