



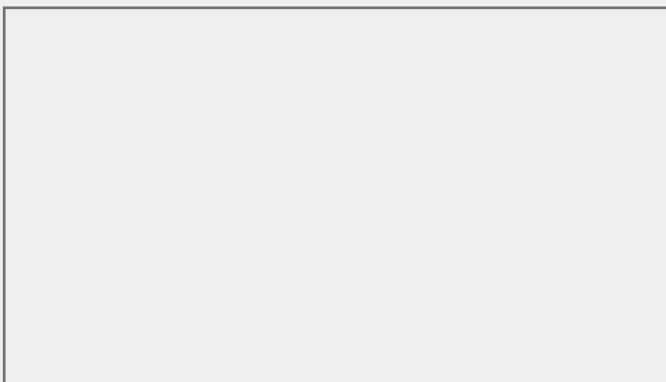
www.xavisxray.com Safe Food



Xavis

Best-In-Class
Food Safety Inspection Systems

Distributor



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XAVIS

Best-In-Class
Food Safety Inspection Systems



**Xavis X-ray inspection systems
provide practical customer solutions
with reliable technology**





XAVIS

X-ray Automatic Vision Inspection System

X-RAY

Inspection Systems

Xavis

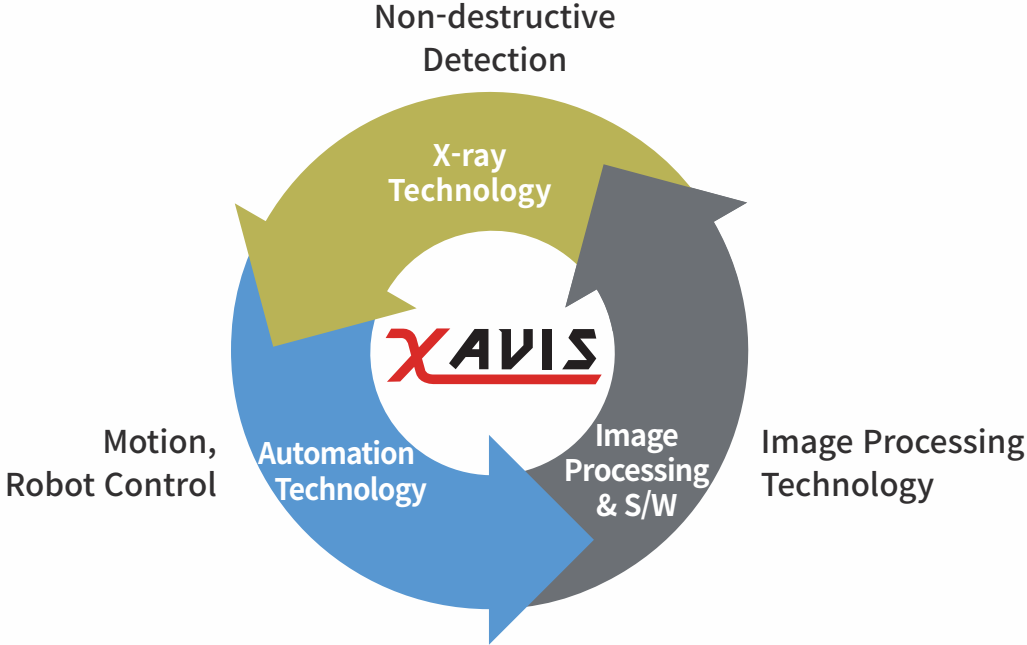
offers quality products that meet all international standards for X-ray equipment

Xavis has developed X-ray inspection systems for more than 14 years. Our X-ray inspection systems have proven to be durable, reliable and have provided unsurpassed quality control in many countries around the world, even on high speed production lines. We are continually investing in and researching the latest technologies to enhance reliability in our products to increase the quality that we provide to our customers.

Technology Innovations for the Future!

Xavis is a World-class Researcher,
Developer & Manufacturer of X-ray Inspection Systems

Core Competitiveness



Our Mission

Our mission is to enhance the performance of enterprises by adding high quality automation to their quality control inspection process.



Typical Application Examples

Xavis X-ray systems are applicable to a wide variety of industries for foreign object detection.


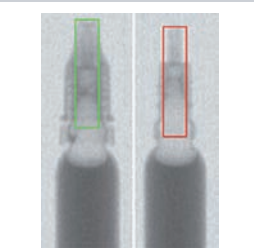
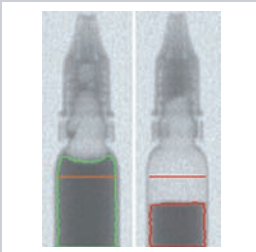
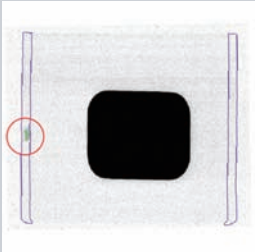
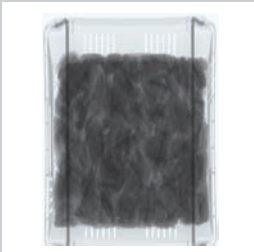
Food Production Line

		Packaged			
Dry Products	Chain package	Small bags	Instant noodle	Aluminium bag	
	Carton or Box	Kraft bag	Milk powder	Candy bag	
Moisture Products	Aluminium packs	Frozen food	Sausage	Meat in vacuum pack	
	Various liquids in bottles	Dessert	Cans		

Non-food Production Line

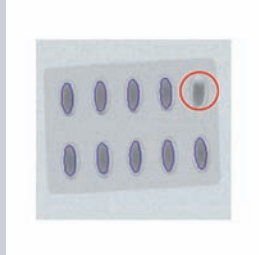
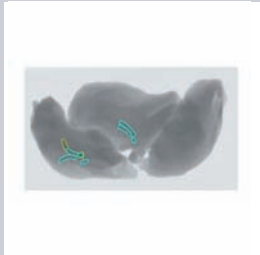
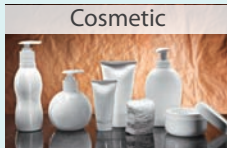
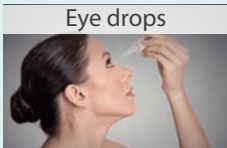
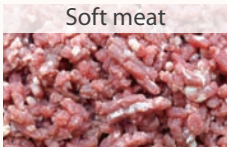
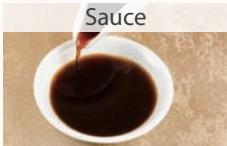
Suit case	Bag	Shoes	Jewelry
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Examples of X-ray Scanned Image

 <p>OK NG</p>				
Tooth brush	Cap in bottle	Level of content in bottle	Sealing	Chicken in plastic basket

Bulk on Belt

Bulk Pumped



Bone in meat

Can

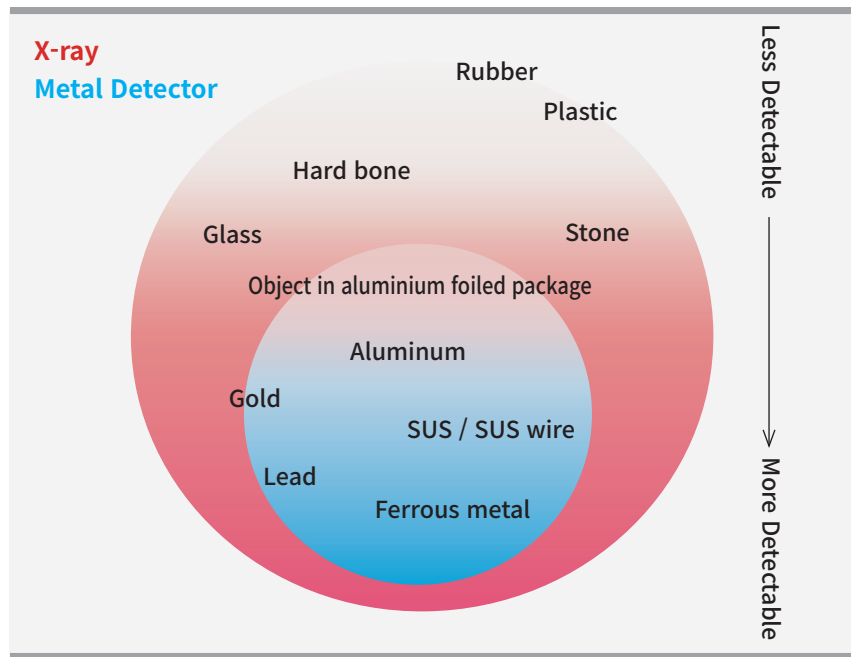
Fruit

Damaged or missing pill

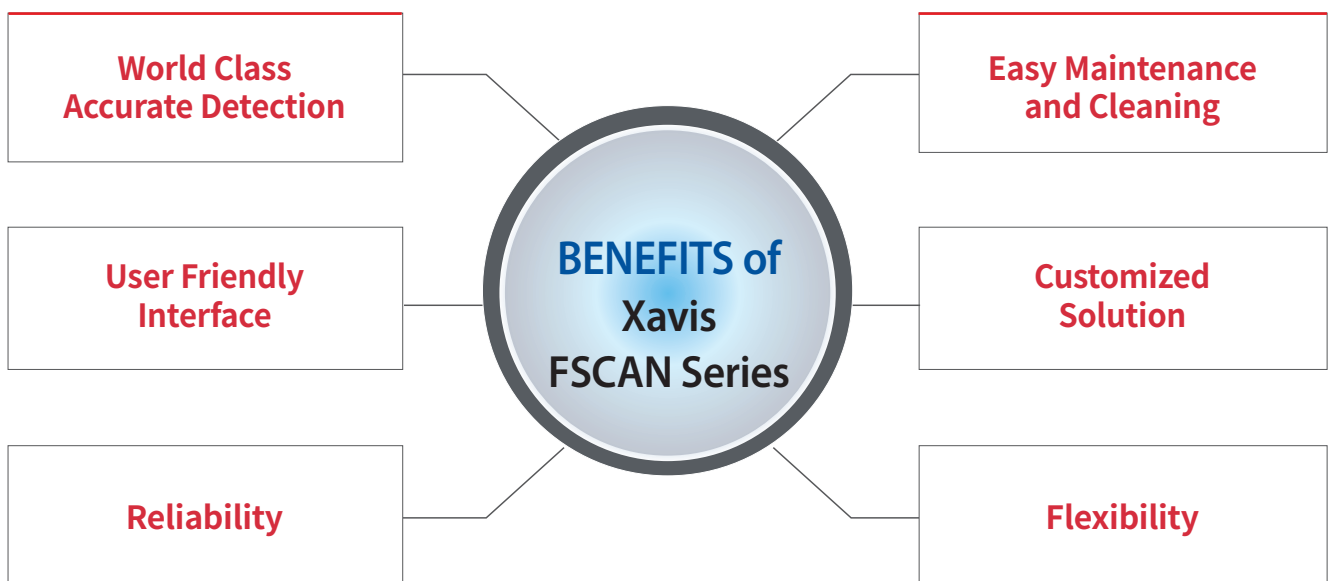
Pipeline

X-ray vs Metal Detector

An X-ray inspection system provides X-ray application technology that is non-destructive with outstanding image processing. This means that our machines can detect minute pieces of various foreign materials including stone, plastic, glass, rubber, etc. as well as metal fragments.



FSCAN Food Inspection Systems



Xavis Advantage

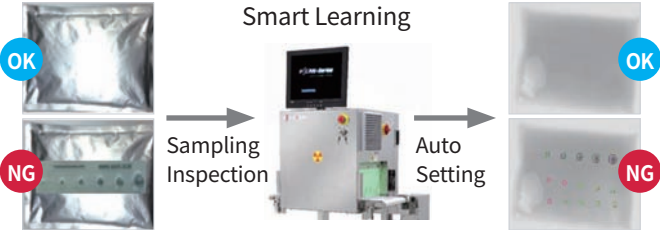
Meets International Administration Requirements

FDA, CE, UL, HACCP, M&S, ISO, IQ, OQ
Xavis follows all administration regulations for worldwide compliance.



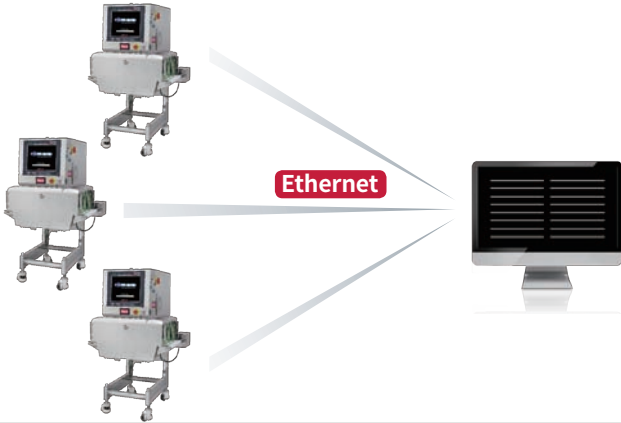
Smart Learning

Simple and intuitive settings.
With the "Smart Learning" function, basic sensitivity and X-ray power level can be set with sampling inspection of the product.



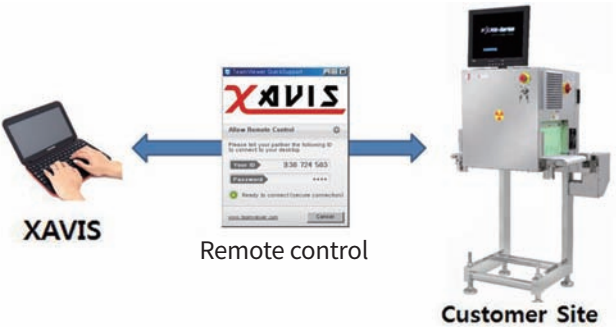
Real Time Report

Using an Ethernet connection to your office desktop, a real time report can be sent continuously to your computer for instant and constant monitoring of the quality control inspection.






















Online Support - Internet

Xavis engineer can access your machine remotely via Internet and directly troubleshoot to assist with problem situations. Any such access can only be enabled by the customer.



FSCAN Series Line Up

		Standard	Bulk (B)	Compact (L/E)
Small Pouch	3280D			
Medium Sized Package	4280D			
	4500D			
Large Package	6280D			N/A
	6500D			N/A
Bulky Package	9500D			N/A
Canned or Bottled Products (Horizontal X-ray Beam)	2080PH		N/A	
	2500PH		N/A	

Special Model



V



I



P



CEW



J



E



TS

- * **B** : Bulk (Nut, Grain)
- * **L/E** : Compact
- * **V** : Ultra Compact
- * **I** : Inclined Conveyor (Unpacked Product)
- * **P** : Pipeline (Liquid & Semisolid Product)
- * **CEW** : Combo System (X-ray + Checkweigher)
- * **J** : Pearl size Inspection
- * **E** : Dual Energy (Low Density Product)
- * **TS** : Sealing (Ultra Low Density Product)

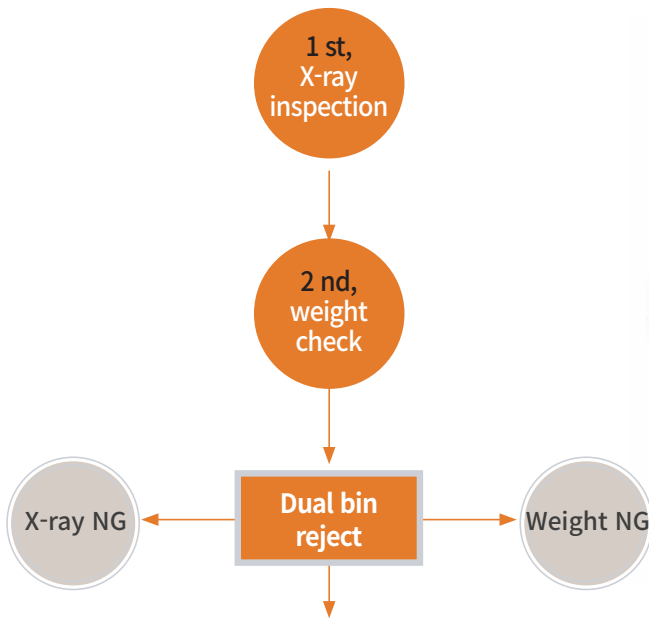


Advanced Technology

Combo (X-ray + Checkweigher) System

X-ray food inspection machine and checkweigher in one unit

- Two types of inspection at once
- Saves space, cost and time
- Unique Reject Confirmation function



Adva
Techno

Pipeline System

For inspection of fluids and semi-solid products

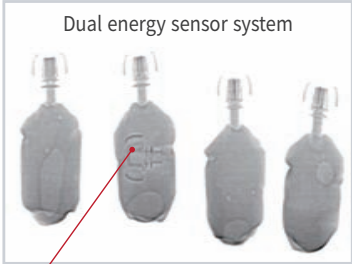
- Examples: Ground pork, poultry trim, soups, jelly, jams
- Raw material inspection offers higher sensitivity and saves packaging costs
- Hygienically designed cleaning system
- IP66 compliance (for product transfer pipe)
- Cylinder for NG products



Dual Energy Sensor System

Meets increasing customer demand for detecting low density contaminants

- Used for difficult-to-detect low density contaminants like plastic, bone...
 - Detection of 2.0mm or smaller size low density contaminants
- Improve productivity by reducing false detection and increasing detectability



Plastic spout

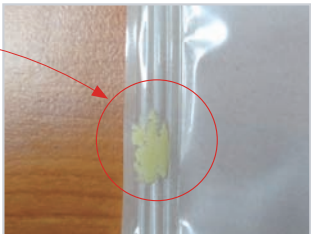
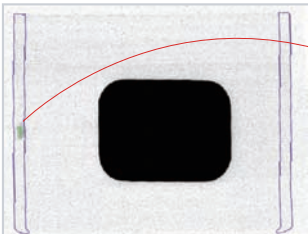


anced
ologies

Sealing Inspection

For improving detectability of ultra low density contaminants

- For detecting contaminants in sealing areas
- Advanced inspection technology using high resolution detector system

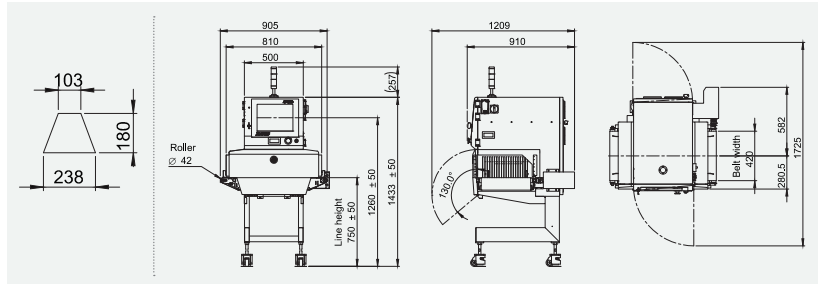


Cheese

Product Specification

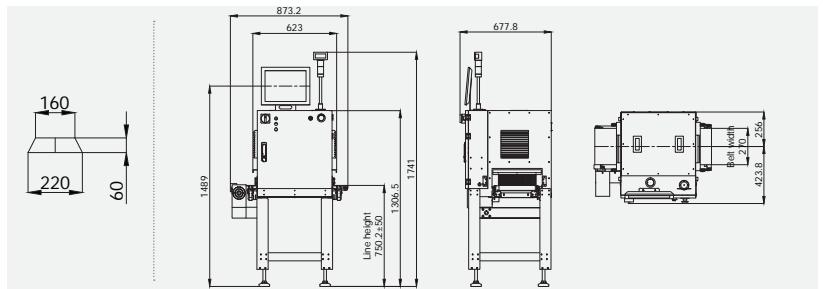
FSCAN-3280

FSCAN-3280D



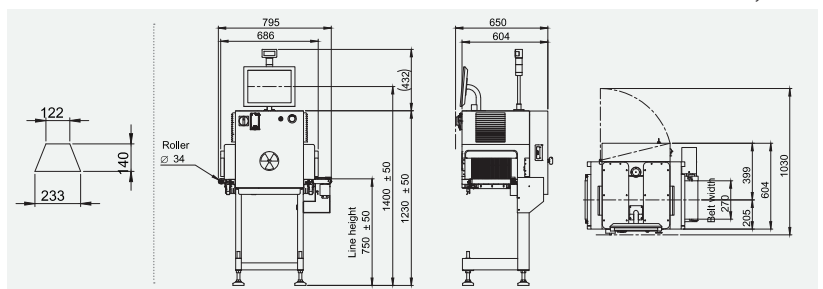
Lay-out

FSCAN-3280V



Lay-out

FSCAN-3280L



Lay-out

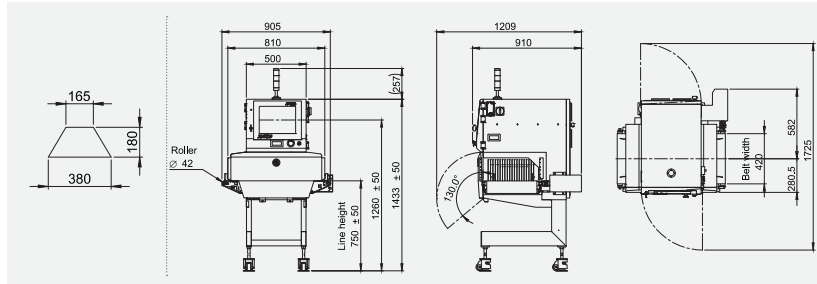
		3280D	3280V	3280L
Min. Detecting Ability		Lead(Pb) 0.3 mm dia	Lead(Pb) 0.3 mm dia	Lead(Pb) 0.3 mm dia
X-ray Output		80kV, 1.25mA, 100W	60kV, 1.25mA, 75W	80kV, 1.25mA, 100W
Inspectable Products Size	Max. Width	238 mm	220 mm	233 mm
	Max. Height	180 mm	60 mm	140 mm
Conveyor	Speed	10 ~ 68 M/M	10 ~ 50 M/M	10 ~ 50 M/M
	Width	420 mm	270 mm	270 mm
	Height of Belt Level	750 ± 50 mm	750 ± 50 mm	750 ± 50 mm
Monitor		15" Touch screen	15" Touch screen	15" Touch screen
Power Requirements		AC220V, 50/60Hz, 1.2kVA	AC220V, 50/60Hz, 0.7kVA	AC220V, 50/60Hz, 1.0 kVA
Weight		230 kg	170 kg	160 kg

FSCAN-4280

FSCAN-4280D



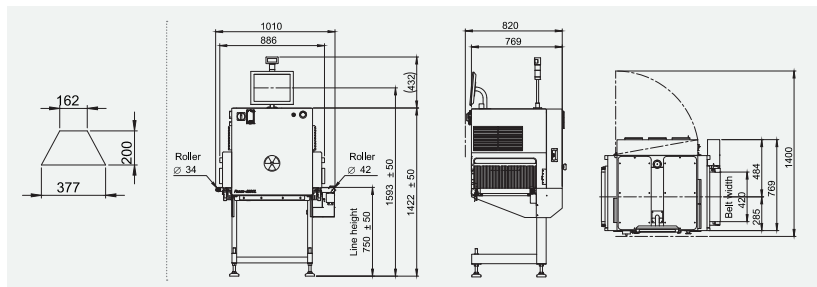
Lay-out



FSCAN-4280L



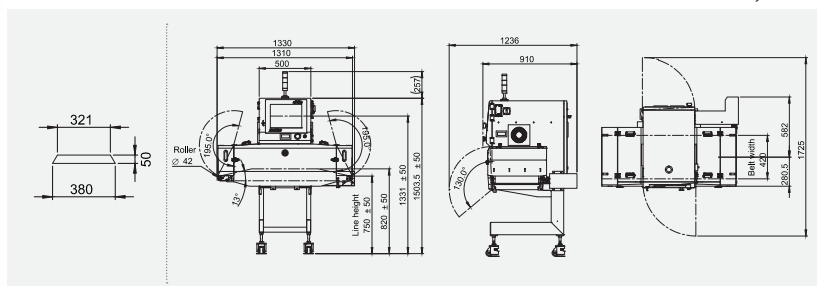
Lay-out



FSCAN-4280DI



Lay-out



	4280D	4280L	4280DI
Min. Detecting Ability	Lead(Pb) 0.3 mm dia	Lead(Pb) 0.3 mm dia	Lead(Pb) 0.3 mm dia
X-ray Output	80kV, 1.25mA, 100W	80kV, 1.25mA, 100W	80kV, 1.25mA, 100W
Inspectable Products Size	Max. Width	380 mm	380 mm
	Max. Height	180 mm	200 mm
Conveyor	Speed	10 ~ 68 M/M	10 ~ 50 M/M
	Width	420 mm	420 mm
	Height of Belt Level	750 ± 50mm	750 ± 50 mm
Monitor	15" Touch screen	15" Touch screen	15" Touch screen
Power Requirements	AC220V, 50/60Hz, 1.2kVA	AC220V, 50/60Hz, 1.0kVA	AC220V, 50/60Hz, 1.2kVA
Weight	230 kg	220 kg	270 kg

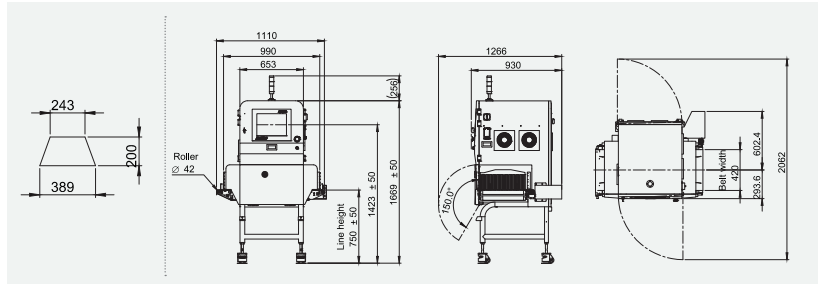
Product Specification

FSCAN-4500

FSCAN-4500D



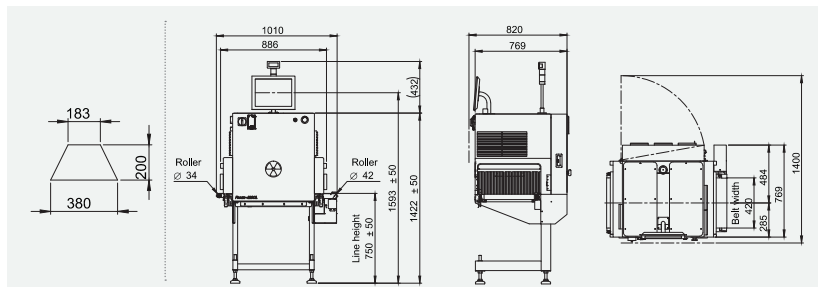
Lay-out



FSCAN-4500L



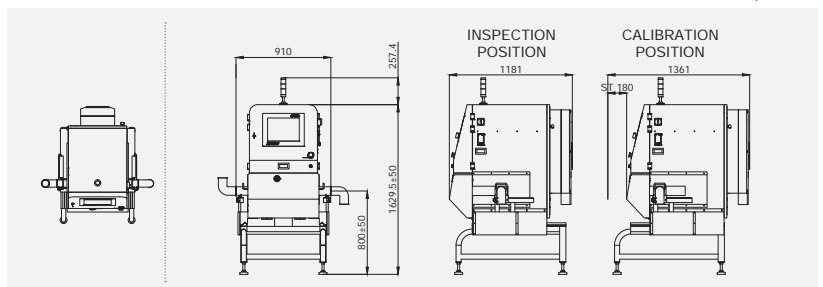
Lay-out



FSCAN-4500DP



Lay-out

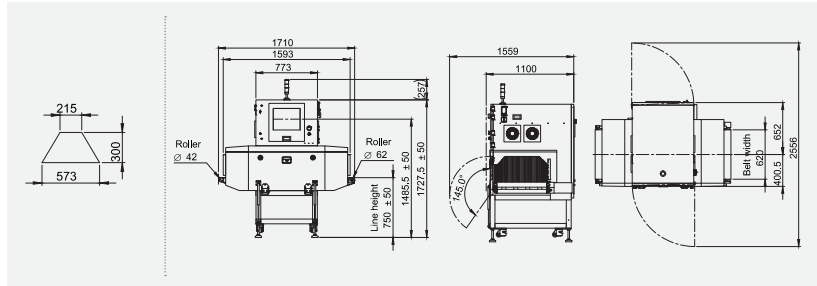


		4500D	4500L	4500DP
Min. Detecting Ability		Lead(Pb) 0.3 mm dia	Lead(Pb) 0.3 mm dia	SUS 0.6mm sphere
X-ray Output		120kV, 4mA, 480W	120kV, 4mA, 480W	120kV, 4mA, 480W
Inspectable Products Size	Max. Width	389 mm	380 mm	N / A
	Max. Height	200 mm	200 mm	N / A
Conveyor	Speed	10 ~ 34 M/M	10 ~ 50 M/M	N / A
	Width	420 mm	420 mm	N / A
	Height of Belt Level	750 \pm 50mm	750 \pm 50mm	800 \pm 50 mm
Monitor		15" Touch screen	15" Touch screen	15" Touch screen
Power Requirements		AC220V, 50/60Hz, 1.5kVA	AC220V, 50/60Hz, 1.5kVA	AC220V, 50/60Hz, 1.5kVA
Transfer Pipe Dimension		N / A	N / A	3 inch diameter
Processing Capacity (Flow)		N / A	N / A	12.0 kl/h
Weight		350 kg	240 kg	430 kg

FSCAN-6280D



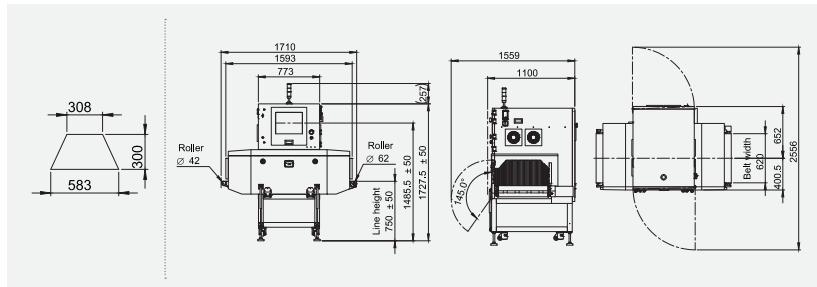
Lay-out



FSCAN-6500D



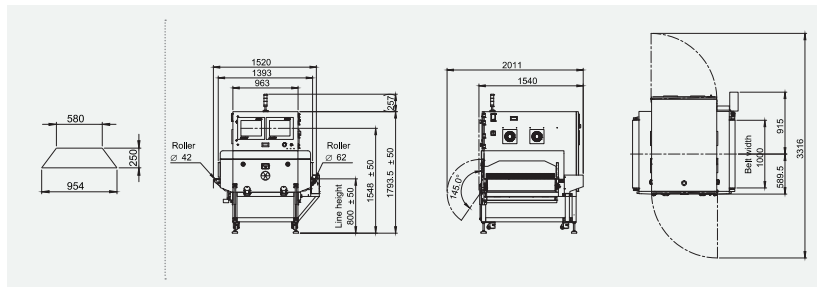
Lay-out



FSCAN-9500D



Lay-out

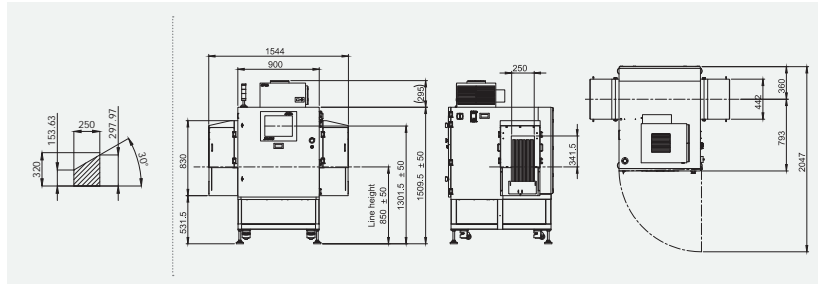


		6280D	6500D	9500D
Min. Detecting Ability		Lead(Pb) 0.3 mm dia	Lead(Pb) 0.3 mm dia	Lead(Pb) 0.3 mm dia
X-ray Output		80kV, 1.25mA, 100W	120kV, 4mA, 480W	120kV, 4mA, 480W
Inspectable Products Size	Max. Width	573 mm	583 mm	954 mm
	Max. Height	300 mm	300 mm	250
Conveyor	Speed	10 ~ 70 M/M	10 ~ 70 M/M	7.5 ~ 15 M/M
	Width	620 mm	620 mm	1,000 mm
	Height of Belt Level	750 ± 50 mm	750 ± 50 mm	800 ± 50 mm
Monitor		17" Touch screen	17" Touch screen	15" Touch screen
Power Requirements		AC220V, 50/60Hz, 1.3kVA	AC220V, 50/60Hz, 1.5kVA	AC220V, 50/60Hz, 2.6kVA
Weight		540 kg	560 kg	790 kg

Product Specification

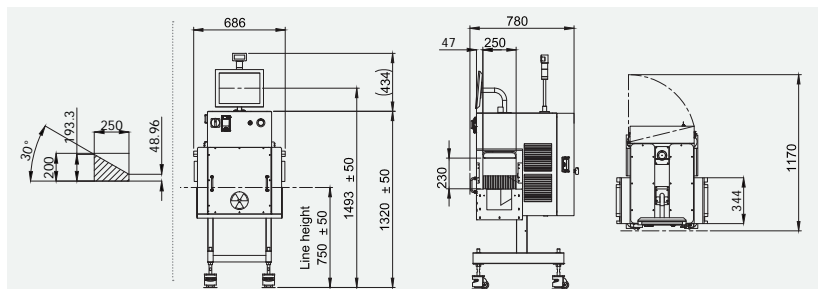
FSCAN-2080

FSCAN-2080PH



Lay-out

FSCAN-2080PHE



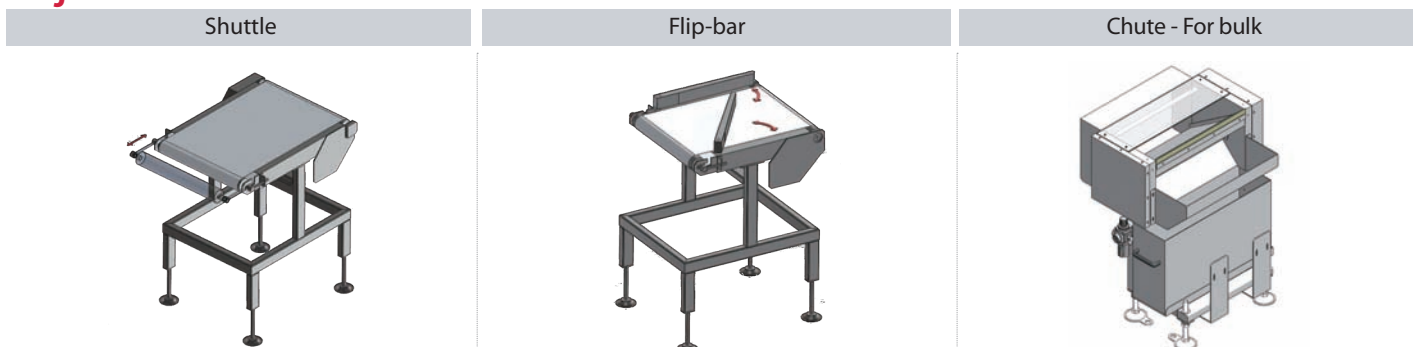
Lay-out

		2080PH	2080PHE
Min. Detecting Ability		Lead(Pb) 0.3 mm dia	Lead(Pb) 0.3 mm dia
X-ray Output		80kV, 1.25mA, 100W	80kV, 1.25mA, 100W
Inspectable Products Size	Max. Width	250 mm	250 mm
	Max. Height	297 mm	193 mm
Conveyor	Speed	10 ~ 50 M/M	10 ~ 50 M/M
	Width	250 mm	250 mm
	Height of Belt Level	850 ± 50 mm	750 ± 50 mm
Monitor		15" Touch screen	15" Touch screen
Power Requirements		AC220V, 50/60Hz, 1.2kVA	AC220V, 50/60Hz, 1.2kVA
Weight		450 kg	230 kg

Additional Options

- Combination Rejector
- Air conditioner
- Option for adjusting belt height (Maximum 900mm)

Rejector

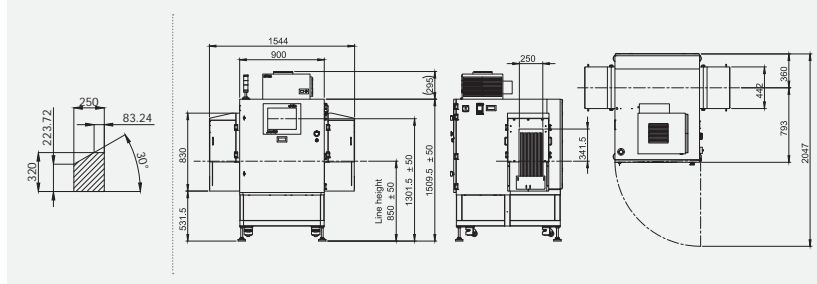


FSCAN-2500

FSCAN-2500PH



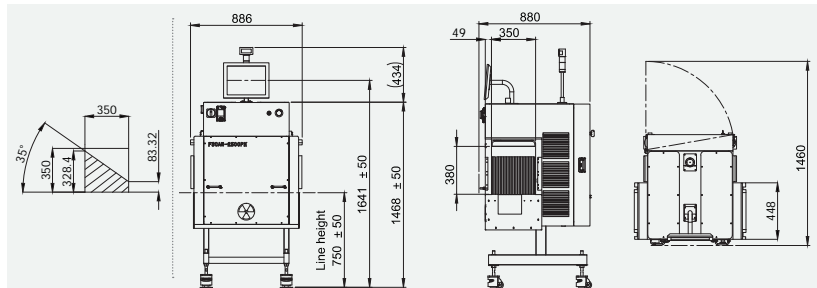
Lay-out



FSCAN-2500PHE



Lay-out



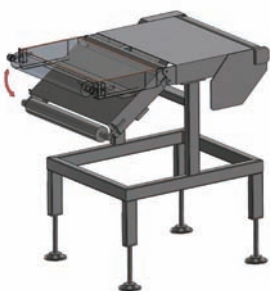
		2500PH	2500PHE
Min. Detecting Ability		Lead(Pb) 0.3 mm dia	Lead(Pb) 0.3 mm dia
X-ray Output		120kV, 4mA, 480W	120kV, 4mA, 480W
Inspectable Products Size	Max. Width	250 mm	350 mm
	Max. Height	320 mm	328 mm
Conveyor	Speed	10 ~ 50 M/M	10 ~ 50 M/M
	Width	250 mm	350 mm
	Height of Belt Level	850 ± 50 mm	750 ± 50 mm
Monitor		15" Touch screen	15" Touch screen
Power Requirements		AC220V, 50/60Hz 1.5kVA	AC220V, 50/60Hz 1.5kVA
Weight		550 kg	250 kg

• Option for increasing belt speed

• Option for increasing tunnel height

• Option for increasing product weight

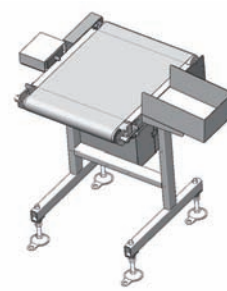
Drop-down




Pusher



Air



Specification Chart

		3280D	3280V	3280L	4280D	4280L	4280DJ	4280DCEW	4280DI	4500D
Minimum Detecting Ability		Lead(Pb) 0.3 mm dia								
X-ray Output		80kV, 1.25mA, 100W	60kV, 1.25mA, 75W	80kV, 1.25mA, 100W	80kV, 1.25mA, 100W	80kV, 1.25mA, 100W	80kV, 1.25mA, 100W	80kV, 1.25mA, 100W	80kV, 1.25mA, 100W	120kV, 4mA, 480W
Inspectable Products Size 	Width A	103 mm	160 mm	122 mm	165 mm	162 mm	165 mm	165 mm	321 mm	243 mm
	Width B	238 mm	220 mm	233 mm	380 mm	377 mm	380 mm	380 mm	380 mm	389 mm
	Height C	180 mm	60 mm	140 mm	180 mm	200 mm	180 mm	180 mm	50 mm	200 mm
Inspectable Products Weight		12 kg	8 kg	8 kg	12 kg	16 kg	12 kg	5 kg	12 kg	20 kg
Detector	Maximum Detecting Width	238 mm	220 mm	233 mm	380 mm	377 mm	380 mm	380 mm	380 mm	389 mm
	Maximum Detecting Height	180 mm	60 mm	140 mm	180 mm	200 mm	180 mm	180 mm	50 mm	200 mm
Conveyor	Speed	10~68 M/M	10~50 M/M	10~50 M/M	10~68 M/M	10~50 M/M	10~68 M/M	10~68 M/M	10~68 M/M	10~34 M/M
	Width	420 mm	270 mm	270 mm	420 mm	420 mm	420 mm	420 mm	420 mm	420 mm
	Height of Belt Level	750 ± 50 mm								
Monitor		15" Touch screen								
Power Requirements		AC220V, 50/60Hz, 1.2kVA	AC220V, 50/60Hz, 0.7kVA	AC220V, 50/60Hz, 1.0kVA	AC220V, 50/60Hz, 1.2kVA	AC220V, 50/60Hz, 1.0kVA	AC220V, 50/60Hz, 1.2kVA	AC220V, 50/60Hz, 1.2kVA	AC220V, 50/60Hz, 1.2kVA	AC220V, 50/60Hz, 1.5kVA
Recommended Operation Temperature		0°C ~ 35°C								
IP Standard Grade		IP54 ~ IP66 compliance								
Equipment Weight		230 kg	170 kg	160 kg	230 kg	220 kg	230 kg	350 kg	270 kg	350 kg
Interface		Store								
Product Registry		Save								
Masking Function		Max								
Production Management		Production								
Equipment Management		MTBF,								
Teaching		Auto								
Image Management		Image Save /								
Maintenance										
X-ray Leak Amount										
Transfer Pipe Dimension		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Processing Capacity (Flow)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

※ All brands mentioned are registered trademarks of their respective owners.

※ All specifications are subject to change without prior notice.

※ Sensitivity is dependent on the material as well as the size and array of examined objects.

4500L	4500DE	4500LTS	4500DP	6280D	6500D	9500D	2080PH	2080PHE	2500PH	2500PHE
			SUS 0.6mm sphere	Lead(Pb) 0.3 mm dia						
120kV, 4mA, 480W	120kV, 4mA, 480W	120kV, 4mA, 480W	120kV, 4mA, 480W	80kV, 1.25mA, 100W	120kV, 4mA, 480W	120kV, 4mA, 480W	80kV, 1.25mA, 100W	80kV, 1.25mA, 100W	120kV, 4mA, 480W	120kV, 4mA 480W
183 mm	243 mm	243 mm	N/A	215 mm	308 mm	580 mm	N/A	N/A	N/A	N/A
380 mm	389 mm	389 mm	N/A	573 mm	583 mm	954 mm	N/A	N/A	N/A	N/A
200 mm	200 mm	200 mm	N/A	300 mm	300 mm	250 mm	N/A	N/A	N/A	N/A
16 kg	20 kg	5 kg	N/A	15 kg	15 kg	15 kg	40 kg	40 kg	40 kg	40 kg
380 mm	389 mm	389 mm	N/A	573 mm	583 mm	954 mm	250 mm	250 mm	250 mm	350 mm
200 mm	200 mm	200 mm	N/A	300 mm	300 mm	250 mm	297 mm	193 mm	320 mm	328 mm
10~50 M/M	10~34 M/M	10~50 M/M	N/A	10~70 M/M	10~70 M/M	7.5~15 M/M	10~50 M/M	10~50 M/M	10~50 M/M	10~50 M/M
420 mm	420 mm	420 mm	N/A	620 mm	620 mm	1,000 mm	250 mm	250 mm	250 mm	350 mm
			800 ± 50 mm	750 ± 50 mm	750 ± 50 mm	800 ± 50 mm	850 ± 50 mm	750 ± 50 mm	850 ± 50 mm	750 ± 50 mm
				17" Touch screen			15" Touch screen			
AC220V, 50/60Hz, 1.5kVA	AC220V, 50/60Hz, 1.5kVA	AC220V, 50/60Hz, 1.5kVA	AC220V, 50/60Hz, 1.5kVA	AC220V, 50/60Hz, 1.3kVA	AC220V, 50/60Hz, 1.5kVA	AC220V, 50/60Hz, 1.6kVA	AC220V, 50/60Hz, 1.2kVA	AC220V, 50/60Hz, 1.2kVA	AC220V, 50/60Hz, 1.5kVA	AC220V, 50/60Hz, 1.5kVA
			0°C ~ 40°C	0°C ~ 35°C						
			IP66 compliance	IP54 ~ IP66 compliance						
240 kg	350 kg	240 kg	430 kg	540 kg	560 kg	790 kg	450 kg	230 kg	550 kg	250 kg
images in external USB port										
up to 10,000 different products										
16 masking functions by product shape/brightness										
capacity analysis by Day/Month/Model										
MTTR, Error log, Error analysis										
teaching, Manual teaching										
Print/Analysis (Defect size measurement)										
Easy to open and clean										
Maximum leak amount < 1 uS/h										
N/A	N/A	N/A	3 inch diameter	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	12.0 kl/h	N/A	N/A	N/A	N/A	N/A	N/A	N/A