

PRODUCT INSPECTION SIMPLIFIED

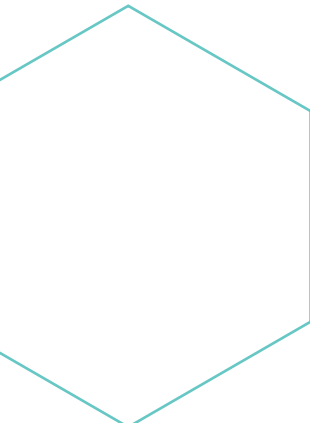
Product Guide





AND
A&D Inspection





100% Inspection, the process by which producers inspect every single product before it leaves their facilities, often at multiple points during production.

We believe 100% of products should be inspected, 100% inspection at various stages of production saves time and reduces error. It also reduces the risk of costly chargebacks, fees, and even lawsuits or expensive recalls.

Inspection throughout stages of production helps in the identification of hazards or non-conforming products that can poses risk at various points. Finding those contaminants or deformities as early in the process can save on rework, product/packaging materials, etc.



AD-4961 Checkweighers

If product giveaway and fill is your concern, checkweighers are an excellent solution. This line of checkweighers are modular, easy to incorporate into your existing line, have a small footprint, and are efficient with the ability to process up to 400 pieces per minute! Pair with a rejector to automate the rejection process.

Product Family

	AD4961-600-1224	AD4961-2KD-2035	AD4961-6k-3050	Intermediate	Heavy Duty
Capacity	600g	500g/2000g	6000g	23kg	91kg
Resolution	0.01g	0.01g/0.1g	0.1g	5g	14g
Repeatability (3σ)	0.08g	0.08g/0.18g	1.0g	9g	23g
Conveyor Belt Length	W 120mm L 360mm	W 120mm L 350mm	W 300mm L 500mm	W 305, 457, 610 mm L 660, 914 mm	W 610mm L 914, 1321 mm
Product Length	L 22-120m/min	L 30-300m/min	L 80-450m/min	L 152-864mm	L 203-1270mm
Conveyor Belt Speed	15-120m/min	15-120m/min	10-80m/min	300fpm	250fpm
Max Throughput	400pcs/min	320pcs/min	145pcs/min	60pcs/min	50pcs/min
Line Height	710-860mm	710-860mm	720-860mm	Custom	Custom
Dust / Water Resistance	IP65	IP65	IP65	Custom	Custom



AD-4971 Metal Detectors

In facilities with metal machinery and risk of metal contamination, our metal detectors can detect ferrous, non-ferrous and stainless steel pieces as small as 0.2 millimeters that's smaller than a grain of sand! These metal detectors are stainless steel and wash down rated for easy cleaning and maintenance.

PROTEX SERIES

AD-4991 X-ray

Implement this smart inspection system, the ProteX X-ray series can be programmed to work specifically for your products. Features like masking, missing components and misshaped product detection and identify a variety of contaminants including bone, plastic, metal and glass come standard.

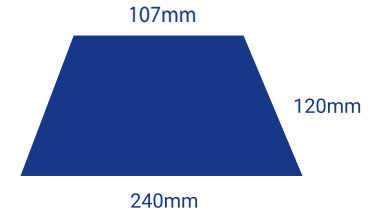


Product Family

AD-4991-2510

X-ray Output	100W(50kV_2mA)
Conveyor Width	250mm (9.84in)
Max Conveyor Speed	45m/min (147fpm)
System Length	800mm (31.5in)
Conveyor Height	720 mm - 860mm (28in - 33in)
Maximum Conveying Load	5kg (11lbs)
IP Rating (Inspection Area)	66
X-Ray Safety	Complies with FDA Radiation Standards 21 CFR Subchapter J
Connectivity	Modbus TCP/Modbus RTU, Rs23/485, TCP/IP, USB
Display Screen Size	15"
Belt Material	FDA/USDA Compliant
Power Requirements	AC 100~240 +/- 10% 50/60Hz 570VA
Environmental Operation	0~35°C 30~85% RH without condensation

Beam Diagram

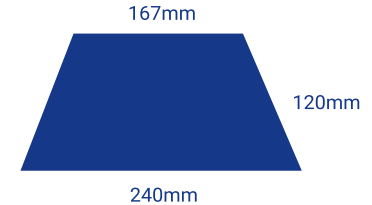


Product Family

AD-4991-2515

X-ray Output	150W(50kV_3mA)
Conveyor Width	250mm (9.84in)
Max Conveyor Speed	70m/min (229fpm)
System Length	800mm (31.5in)
Conveyor Height	720 mm - 860mm (28in - 33in)
Maximum Conveying Load	5kg (11lbs)
IP Rating (Inspection Area)	66
X-Ray Safety	Complies with FDA Radiation Standards 21 CFR Subchapter J
Connectivity	Modbus TCP/Modbus RTU, Rs23/485, TCP/IP, USB
Display Screen Size	15"
Belt Material	FDA/USDA Compliant
Power Requirements	AC 100~240 +/- 10% 50/60Hz 670VA
Environmental Operation	0~35°C 30~85% RH without condensation

Beam Diagram

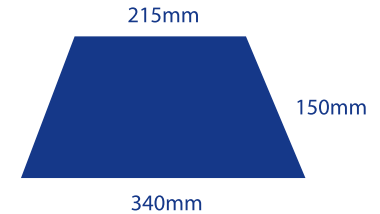


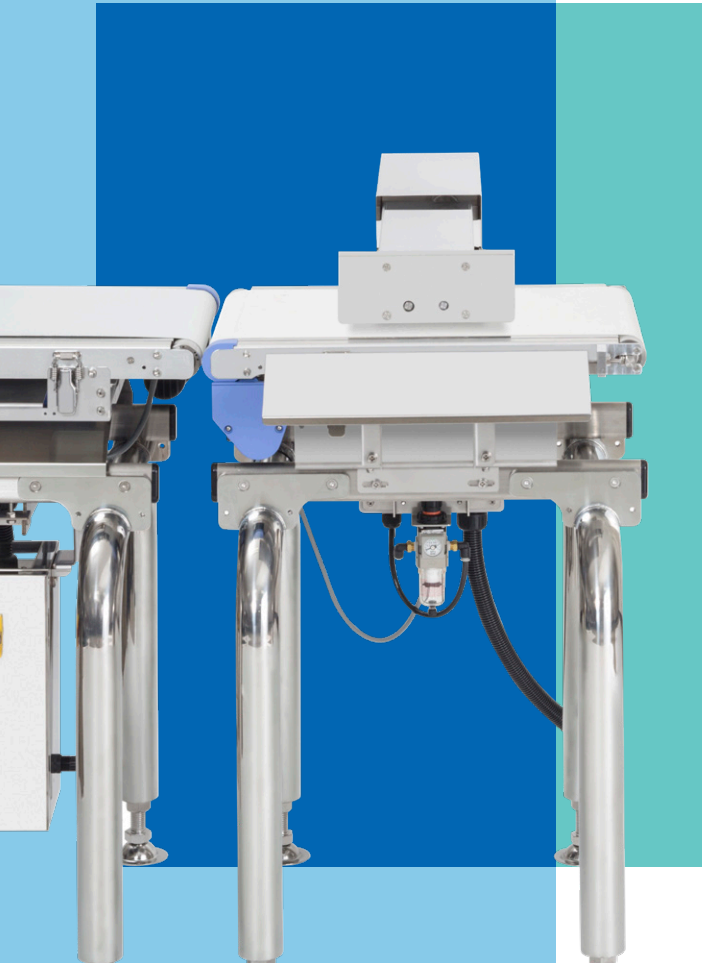
Product Family

AD-4991-3530

X-ray Output	300W(75kV_4mA)
Conveyor Width	350mm (13.78in)
Max Conveyor Speed	45m/min (147fpm)
System Length	800mm (31.5in)
Conveyor Height	720 mm - 860mm (28in - 33in)
Maximum Conveying Load	5kg (11lbs)
IP Rating (Inspection Area)	66
X-Ray Safety	Complies with FDA Radiation Standards 21 CFR Subchapter J
Connectivity	Modbus TCP/Modbus RTU, Rs23/485, TCP/IP, USB
Display Screen Size	15"
Belt Material	FDA/USDA Compliant
Power Requirements	AC 100~240 +/- 10% 50/60Hz 570VA
Environmental Operation	0~35°C 30~85% RH without condensation

Beam Diagram





Rejectors

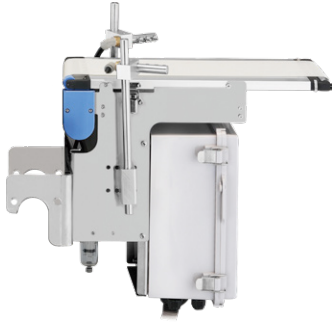
Rejectors should play an integral role in your production line. When a product like a lipstick, bottle of pills, cupcakes, or a piece of meat does not pass inspection, a rejector triggers and bad product is automatically removed from the line.

Types of Rejector

Airblast, Drop down, Flipper paddle, Pusher

Pusher Rejector

AD-4983-3050



Air Jet Rejector

AD-4984-1246

Dual blast air jets allow customers to sort underweights and overweights which simplifies the rework process.



Drop Down Rejector

AD-4982-2035

Drop down rejectors are ideal for products with low clearance. Products that do not conform are discarded via the drop mechanism.



Flipper Rejector

AD-4981-2057

Dual paddles allow the system to sort short underweight and overweight product.



Legal For Trade

IP Rated and dust proof; our flexible scales adapt to a variety of environments. The sanitary construction is wash down safe. Implement an easy to use traffic light system that is also legal for trade. Our use our compact scale that has 5000 hours of continuous use on one set of batteries!



A&D Inspection

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1-800-726-7099

