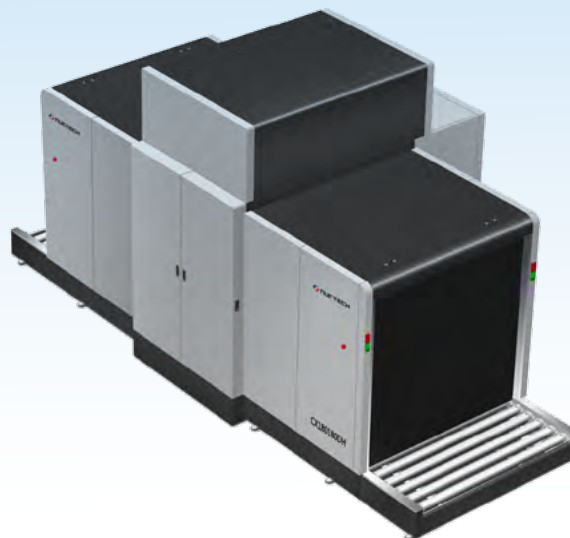


NUCTECH™ CX Series

Pallet Cargo X-ray Inspection System



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Technical Features

- Unsurpassed high image quality by optimized X-ray generator and high resolution detectors
- Optimal cost-performance solution for pallet cargo screening
- Efficient operation with ergonomically designed user interface
- Threat Image Projection (TIP) ready X-ray systems
- Optimized concept of operations, centralized image screening and storage capability implemented by network applications
- Roller type conveyors for high load capacity

Summary

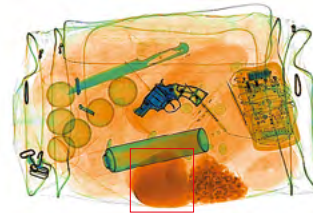
Nuctech Company Limited offers a series of X-ray inspection systems with large tunnel opening for pallet cargo screening. Based on the best proven CX products platform, the pallet cargo X-ray inspection system has fully inherited the world-leading image performance, ergonomic user interface, advanced imaging enhancing algorithms, powerful functions and network applications, as well as high reliability and safety.

With unparalleled high image quality and advanced dual-energy material classification technology, the pallet cargo X-ray inspection system can completely meet all security and customs screening demands of airports, rail transportation stations, ports, critical infrastructures, big events, etc.

NUCTECH™ CX Series Pallet Cargo X-ray Inspection System



Advanced material classification:
orange for organic, blue for metal and
green for mixed material & light metal



Automatic detection and
alarm of contrabands

Technical Data

General Specifications

Image Enhancement	Color/BW, negative, high/low penetration, organic/inorganic stripping, general enhancement, multi-absorptivity, etc.
Image Recall	All preceding images recallable
Explosives & Narcotics Detection	Explosives & narcotics alarm and highlight according to atomic number signature
High Density Region Alarm	Impenetrable region alarm and highlight, for possible concealing of threats and contrabands
Threat Image Projection	Inserting fictional, but realistic images of threat items into baggage during screening operation, for maintenance of vigilance, as well as training and assessment of image identification capability
Image Archive	Up to 100,000 images stored automatically, enable transferring to USB storage, and converting to JPG, BMP and other general formats
Network Applications	Image centralized storage and screening, recheck workstation, network TIP, etc.
Radiation Safety	Less than 1μGy/h (5cm from the housing)
Film Safety	Guaranteed for high speed film up to ASA/ISO1600 (33DIN)

Products	CX130130D (Dual-view)	CX150150DH (Dual-view)	CX150180SI	CX150180D (Dual-view)
Tunnel Dimensions (W×H)	1310mm×1318mm	1550mm×1510mm	1550mm×1806mm	1550mm×1806mm
Load Capacity	320kg	2000kg	2000kg	2000kg
Conveyor Height	350mm	400mm	330mm	330mm
Wire resolution	38 AWG	34 AWG	38 AWG	38 AWG
Steel Penetration	50mm	70mm	50mm	50mm
Dimensions(L×W×H)	3720mm×2095mm ×2380mm	8735mm×3186mm ×3315mm	5136mm×2732mm ×2402mm	5736mm×2802mm ×3151mm
Weight	2490kg	8395kg	2980kg	4145kg
Power Consumption	1.8kVA	5.0kVA	1.8kVA	2.5kVA

Products	CX180180S	CX180180SH	CX180180D (Dual-view)	CX180180DH (Dual-view)
Tunnel Dimensions (W×H)	1850mm×1806mm	1850mm×1806mm	1850mm×1806mm	1850mm×1806mm
Load Capacity	2000kg	2000kg	2000kg	2000kg
Conveyor Height	330mm	330mm	330mm	330mm
Wire resolution	38 AWG	34 AWG	38 AWG	34 AWG
Steel Penetration	50mm	70mm	50mm	70mm
Dimensions(L×W×H)	6036mm×3081mm ×2402mm	6036mm×3081mm ×2402mm	6336mm×3102mm ×3153mm	6336mm×3102mm ×3153mm
Weight	3310kg	3760kg	5315kg	5770kg
Power Consumption	1.8kVA	3.5kVA	2.5kVA	4.5kVA

Note: Image performance specifications are based on test piece complying with CAAC standard.

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NUCTECH HAS BEEN AWARDED THE CERTIFICATE OF QUALITY MANAGEMENT SYSTEM (ISO 9001:2015)
NUCTECH HAS BEEN AWARDED THE CERTIFICATE OF ENVIRONMENTAL MANAGEMENT SYSTEM (ISO 14001:2015)
NUCTECH HAS BEEN AWARDED THE CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM (OHSAS 18001:2007)

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