

CX150180D

X-Ray Inspection System



Dual-energy X-ray inspection system • Widely used in a variety of applications

INCREASED TUNNEL SIZE

59.06" (W) x 70.87" (H)

HIGH IMAGE QUALITY

Wire resolution of 36 AWG and steel penetration of 50mm

HEAVY-DUTY ROLLER CONVEYOR

With standard load capacity up to 2000kg – optional higher capacity available

AUTOMATIC DETECTION

Customizable capabilities for explosives and narcotics

COMPLIANT

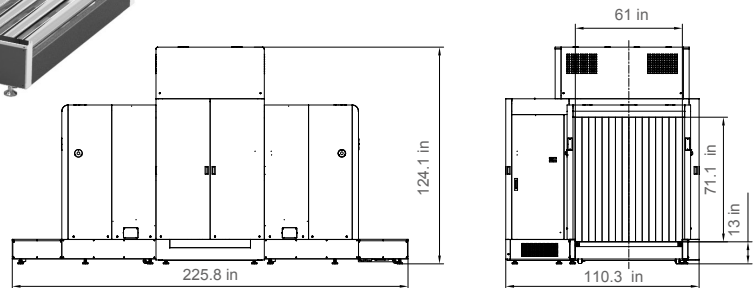
Complies with all international safety and health standards: X-ray leakage around the equipment is close to natural background

ERGONOMIC DESIGN

Keyboard and user interface empower the operator to quickly manipulate images and view multiple angles and sizes

BUILT-IN DIAGNOSTIC FACILITY

Enhances efficiency of maintenance and service programs



Designed to efficiently and accurately screen for explosives, narcotics, weapons, and contraband concealed in palletized cargo and large baggage, the STVS CX150180D X-ray inspection system utilizes advanced dual-view technology to streamline the screening process.

Engineered with a large tunnel opening of 59.06" wide by 70.87" high and a durable low-height roller conveyor, CX150180D meets all advanced security and customs application demands at airports, seaports, rail transportation stations, government facilities, and critical infrastructure.

Employing an ergonomic design and two dedicated monitors – one for each view, CX150180D enhances operational efficiencies by giving operators additional tools to identify potential threats. Combining increased tunnel size with unsurpassed reliability and image quality, CX150180D is engineered for ease of maintenance and minimal downtime in the most challenging operational environments.

TECHNICAL SPECIFICATION

Tunnel Dimensions	59.06in(W x 70.87in(H))
Conveyor Speed	0.20m/s
Conveyor Height	12.9 in
Max. Load	4,409.24 lbs.

IMAGE PERFORMANCE

Wire Resolution	36 AWG
Steel Penetration	50mm
Display Resolution	1280 x 1024

IMAGE PROCESSING SYSTEM

Image Enhancement	Color/BW, negative, high/low penetration, organic /inorganic stripping, general enhancement, multi-absorptivity, and suspect material enhancement
Material Classification	According to atomic number signatures
ROI & Zoom	Step/stepless zoom, up to 32 times enlargement
Image Recall	Preceding images recallable
Image Storage Capability	Up to 100,000

MISCELLANEOUS FUNCTIONS

Standard Functions	Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, dual-direction scanning, system log, system standby and training, etc.
Other Functions	Explosives/narcotics detections, high-density area alert, threat image projection (TIP)

HEALTH AND SAFETY

X-ray Leakage	Less than 1 μ Gy / h (5cm from the housing) complying with all published international standards
Film Safety	Guaranteed for high speed film up to ASA/ISO1600 (33DIN)

INSTALLATION DATA

Dimensions	225.83in(L) 110.31in(W) 124.06in(H)
Weight	9,138.16 lbs.
Storage Temperature / Humidity	-40°F ~ +140°F / 5% ~ 95% (non-condensing)
Operating Temperature / Humidity	32°F ~ +104°F / 5% ~ 95% (non-condensing)
Power Supply	220VAC ~ 240VAC (-15% ~ +10%), 50 Hz/60Hz 3Hz
Power Consumption	2.5kVA