

HAND LUGGAGE, MAIL AND SMALL PARCEL X-RAY SCANNER



HP-SE6550C MULTI-ENERGY X-RAY SECURITY INSPECTION SYSTEM

The **HP-SE6550C** is a multi-energy X-ray security inspection system equipped with state of the art X-ray imaging technology. It provides high resolution and ultra-clear images for easy object identification with the latest technology of computer control and imaging processing. With a compact design, it is ideal for security inspection of hand carried articles at airports, customs, railway stations, government buildings, mailrooms, courts and many other public gathering situations.

The **HP-SE6550C** is capable of detecting organic and inorganic items such as weapons, explosives and narcotics using 7 color software which significantly enhances the operators ability to identify suspicious items and improve throughput with more effective screening.

The **HP-SE6550C** provides detailed, easily interpreted X-ray images, with a background-contrast function that improves the identification of objects on the screen with the added feature of providing real time diagnostics on its operating status, ensuring easy handling and troubleshooting.



GENERAL SPECIFICATIONS

Weight	Approx 600kg
Dimension	1980mm (L) x 977mm (W) x 1420mm (H)
Tunnel size	508mm (H) x 654mm (W)
Resolution	Spatial resolution 1.0mm horizontal, 1.0mm vertical, wire 38AWG
Penetration	35mm steel typical
Radiation	Typical radiation leakage is less than 0.1mR/hr (1.0 uSv/hr) (US Federal limit: <0.5mR/hr)

X-RAY GENERATOR

Anode voltage	140kv
Beam direction	Diagonally upward
Cooling	sealed oil bath with forced air
Tube current	0.7mA
Duty Cycle	100%, no warm up procedure required

IMAGE & CONVEYOR SYSTEM

Image processing	24 bit/pixel color
Monitor	21.5" LCD color monitor
Display resolution	1280 x 1024
Max load	165kg
Conveyor type	belt conveyor
Conveyor running direction	bi-directional
Conveyor height	750mm
Conveyor speed	0.23m/s

INSTALLATION DATA

Storage temperature	0°C to 40°C
Storage humidity	Up to 95% (non condensing)
Operation temperature	-20°C to 60°C
Operating humidity	Up to 95% (non condensing)
Power	220VAC +-10%, 50/60Hz,10A max
Power consumption	0.8kw

STANDARD FEATURES

7 Colors Imaging
Inverse Color
Black/white Viewing
6 Pseudo Color Mode selectable
Organic/Inorganic Stripping
Z-scan
High Penetration
Super Enhancement
Material Discrimination
Continuous Zoom

Auto Image Archiving
Real-time SelfDiagnostics
Bi-directional Scanning
Threat IMage Projection
Auto Hight Density Alert
Different access modes using password log in or fingerprint log in
Network Ready
specialized keyboard
Entry / Exit Roller Tables

OPTIONAL FEATURES

Built-in Multi-Angle Cameras	6 built in cameras on either side
Protective Cover	Lead embedded covers allowing zero X-ray leakage mounted on exit and entry tunnels
Supervisor Monitor Platform	Operator workstation equipped with wheels for portability
Intelligentized Roller	Energy saving roller allowing conveyor to move only when IR sensor is triggered, this option helps extend life span of machine and motor

* **NOTE:** All specifications are subject to modifications and improvements without prior notice.