

FlatScan-POD

BAGGAGE INSPECTION THREAT DETECTION
MOBILE CHECKPOINT INSPECTION

Mobile x-ray scanning system



Unloading FlatScan-POD



X-raying bags at railway station



Viewing image on laptop



X-ray of bag

FlatScan-POD

FlatScan-POD is a unique product which allow 3DX-Ray's lightweight portable x-ray system, FlatScan-TPXi, to be used in busy mass transit locations for baggage inspection.

Key Features

- Mobile system for flexible deployment
- Rapid deployment
- Sub-millimetre resolution images
- Powerful image enhancement tools
- Intuitive user-friendly software
- Battery operation
- X-ray unit can easily be removed and used as a portable system

Typical Deployment

- Railway stations
- Underground stations
- Stadia
- Public buildings and concourses
- Events
- Customs and borders

FlatScan-POD for mobile baggage scanning using FlatScan-TPXi

The mobile FlatScan-POD unit can quickly be set up as a security inspection station and moved to other locations as required.

Once the FlatScan-POD is in position the FlatScan-TPXi detector panel and generator are slotted into place to x-ray bags and packages.

The system produces sub-millimetre resolution images on the laptop and sophisticated easy to use software allows the operator to zoom, pan, and process the image to make a rapid assessment of the item.

If a suspect item is found in the vicinity, the FlatScan-TPXi system can quickly be taken out of the POD and deployed as a portable x-ray inspection system.

FlatScan-POD

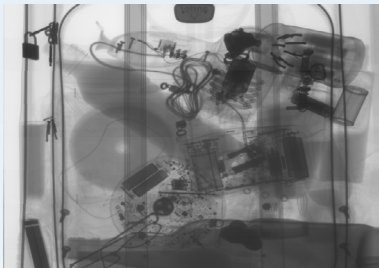
Technical Specifications



FlatScan-POD system with FlatScan-TPXi™ in place



A FlatScan-TPXi system is required to operate the FlatScan-POD



Stun grenade in suitcase



Gun in briefcase



Teddy bear bomb in satchel

FlatScan-POD

External dimensions	950mm x 1050mm x 1050mm (width x height x length)
Chamber size	250mm x 62cm x 54mm (width x height x length)
Imaging area	535mm x 412mm
Weight	350kg
Power	Mains or battery (8 hour life)
Operation	A FlatScan-TPXi™ unit is required to operate the FlatScan-POD
X-ray safety	Less than 1µSv/hour at surface during operation, complies with Ionising Radiation Regulations, 1999 (UK)
Operating temperature	10° C to + 40° C
Relative humidity	0% to 95% non-condensing

In the interest of product development, 3DX-Ray Ltd reserves the right to change specifications without notice.

A FlatScan-TPXi® system is required to operate the FlatScan-POD

A FlatScan-TPXi™

Standard FlatScan-TPXi™ system	X-ray generator (120kV)
	Detector Panel
	Laptop imaging station
	Batteries and chargers
	Software
	Transport cases

Certification & Codes

NATO codification NSN 6350-99-598-7282

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About 3DX-RAY

3DX-Ray Ltd designs and manufactures a range of innovative portable, rapid deployment and static x-ray inspection products for the security market. Designed in collaboration with security personnel and government organisations. 3DX-Ray products combine high quality images with intuitive, user-friendly image processing software.

Our global customers include airports, police, security services, bomb disposal, cargo handlers, freight forwarders, corporate HQs, events operators, ports and prisons, military and police.



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ISO 9001 Cert No. 1211