

CX6550B

X-RAY INSPECTION SYSTEM



Introduction

The THSCAN[®] CX550B is a multi-energy X-ray security inspection system equipped with state-of-the-art imaging technology. It provides excellent high-resolution images.

It is suited for the inspection of goods and luggage due to its tunnel opening of 660 (W) X 505 (H) mm. Heavy objects can be placed on the conveyor belt that is installed 663mm above the ground. It is ideal for security inspection at airports, customs, railway stations, mailrooms, government buildings, courthouses, and other public venues.

The THSCANTM 6550B is able to distinguish between organic and non-organic materials contained within the inspected objects. The X-ray image is coloured according to the atomic composition of the material. The inspector can easily identify material with the following colour scheme:

- Organic material — orange
- Non-organic material — blue
- Light metal and mixed material — green
- High density material — black
- Explosives — purple
- Drugs — pink

State-of-the-art Technology

The system provides various image evaluation functions that allow for maximum inspection quality.

- Unsurpassed image quality due to high image resolution
- Penetration guaranteed up to 25mm (steel)
- Discrimination of material for detection of explosives, drugs, etc.
- Capability to recall preceding X-ray image (up to 10 m)
- Random exposure of contraband or other threats in the X-ray images to test and train operator's skills (TIP)
- No risk of X-ray exposure for inspected persons or objects
- Display reference icons of contraband and threat articles on screen

Operator Training and First Class Service

Operator training courses offered by NUCTECH are carried out individually for each customer.