

# CX100100T

## X-RAY INSPECTION SYSTEM



### Introduction

The THSCAN® CX100100T is a multi-energy X-ray security inspection system equipped with state-of-the-art X-ray imaging technology. It provides excellent quality imaging due to the high resolution it provides.

It is perfectly suited for the inspection of bulky goods, and oversized luggage due to its tunnel opening of 1010 (W) X 1050 (H) mm. Heavy objects can be placed on the conveyor belt that is installed at 300mm above the ground. It is ideal for security inspection at airports, customs, railway stations, mailrooms, government buildings, courthouses and many other public venues.

The THSCAN® 100100T 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, which provide maximum inspection quality.

- Unsurpassed high-resolution image
- Penetration guaranteed up to 25mm steel
- Discrimination of material for detection of explosives, drugs and other objects
- Capability to recall preceding X-ray images to test operator's skills (TIP)
- No risk to X-ray inspected persons or objects
- Display reference icons of contraband and threat article on screen
- Conveyor belt can be folded into the tunnel, decreasing the dimensions of crated equipment

### Operator Training and First Class Service

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