



# Automatic X-ray Baggage-Screening System

*Promising to provide enhanced security and ensure customers' safety and peace of mind*

## Overview

Terrorist attacks targeting the general public at important facilities have been increasing in recent years, and high security services are required in public/event sites as well as the airports since the Tokyo Olympic and Paralympic games will be held in 2020.

Feeding baggage, this system automatically detects dangerous goods in the baggage by X-ray inspection. The system promises to ensure customers' safety and peace of mind so that they will have a pleasant day.

## Features

### ● Automatic determination with high throughput

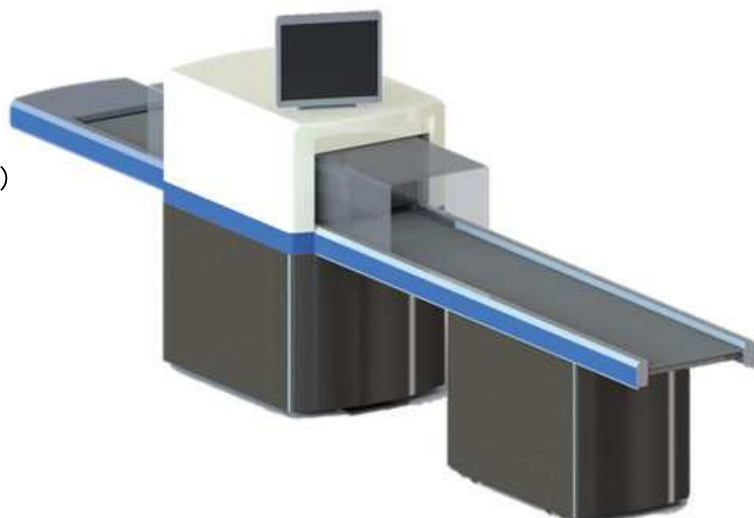
- Automatic determination of the presence or absence of a certain number of dangerous goods through our developed determination algorithm
- Automatic determination in up to 3 seconds (Even objects lying on top of another are determinable.)

### ● Compact and easy to install system

- Minimum dimensions in accordance with the size of baggage
- Quick assembly/installation and removal

### ● Safety and security

- Design completely different from the conventional X-ray system image
- Minimum leakage radiation from X-ray pulses (outside the controlled area)



\* Product image

Outside dimensions: 3,700 (L) x 700 (W) x 1,200 (H) mm

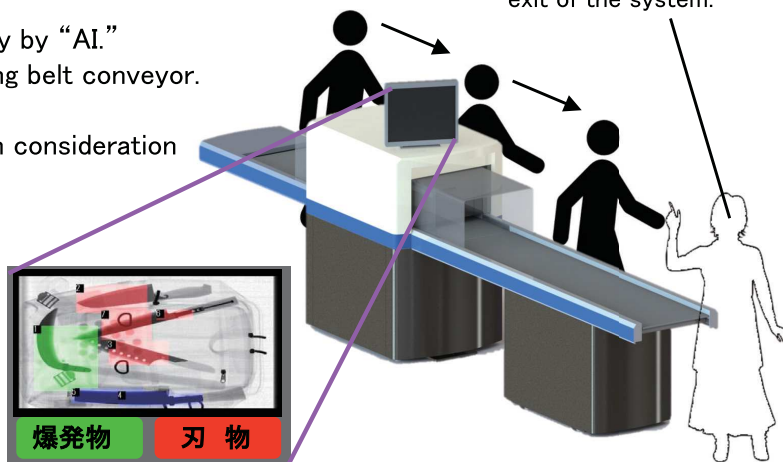
## Operation outline

- (1) The contents of baggage remain intact. (No sorting out before inspection)
- (2) When baggage is put on the fast moving belt conveyor → The system immediately starts inspection.
- (3) Inspection results are determined automatically by "AI."
- (4) Baggage can be picked up from the slow moving belt conveyor. (Neither people nor baggage held up)
- (5) The layout of display switches is determined in consideration of basic one-touch operation. (The layout can be determined individually in accordance with client's specifications.)

Operator: Provides guidance on what to do next at the exit of the system.



Automatic inspection ensures smooth entry.



(Explosives) (Cutting and edge tools)

Screen image (inspection results display)