



NUCTECH™ BX2000DA

BODY INSPECTION SYSTEM

- ◇ *Body surface inspection*
- ◇ *High quality real-time images*
- ◇ *Widely used in a variety of applications*



INTRODUCTION

Features

Non-contact full-body scan:

no need to take off the shoes. The surface of the full body can be inspected in one scan.

Superior inspection capability:

detect hidden objects under clothing, including but not limited to: weapons, liquid, IEDs, drugs, etc.

Automatic detection:

locate and highlight concealed objects automatically. Enable more accurate inspection.

Radiation safety:

dose level complies with the IAEA and ANSI N43.17 standards.

Privacy protection:

equipped with image privacy filtering function, no image is saved without permission, protect people's privacy.

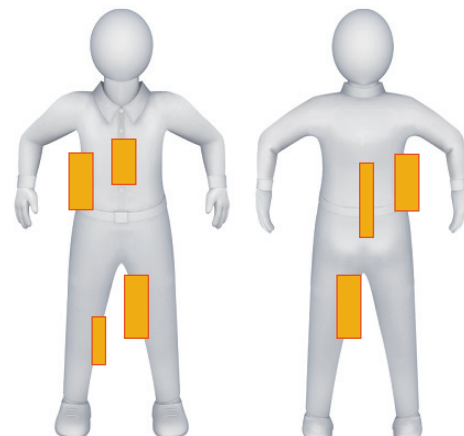
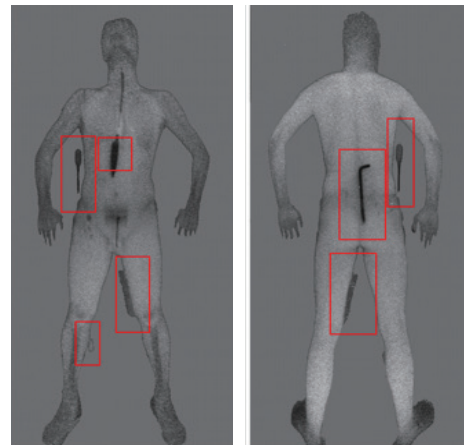
Radioactivity monitoring (RM):

unique radioactive material detection function.

Practical software:

provides user-friendly UI, easy to operate; compatible with remote operation and centralized management.

Images



* Images with privacy protection and auto threat recognition

Dose Comparison

50 

50 inspections ≈ Daily background

50 

50 inspections ≈ 1 hr flight

1000 

1000 inspections ≈ 1 chest X-ray

TECHNICAL SPECIFICATIONS

General Specifications

Inspection mode	non-contact
Scan time	7 s
Dose per scan	< 0.1 μSv
Standard operator number	1 person

Installation Data

System dimensions	2400 mm (H) × 1550 mm (W) × 2470 mm (D)
Tunnel dimensions	2080 mm (H) × 750 mm (W) × 1670 mm (D)
Weight	1000 kg
Power supply	100 ~ 120 VAC / 200 ~ 240 VAC, 50/60 Hz
Power consumption	2.5 kVA
Operating temperature/Humidity	0 °C ~ + 40 °C / 0% ~ 93% (non-condensing)
Storage temperature/Humidity	-20 °C ~ + 55 °C / 0% ~ 93% (non-condensing)

Image Processing System

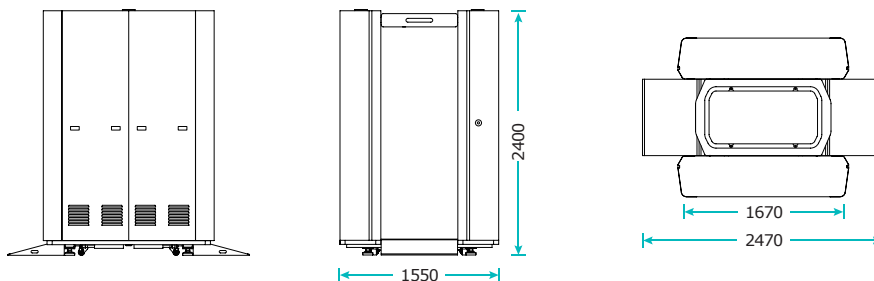
Privacy protection	yes
Image acquisition mode	real time
Image processing functions	contrast & brightness adjustment, inverse colorization, pseudo color, etc.

Advanced Function

Automatic threat recognition	yes
Radioactivity monitor (RM)	yes
Optional feature	remote control, centralized detection & management, etc.

Dimensions

(mm)



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NUCTECH HAS BEEN AWARDED THE CERTIFICATE OF QUALITY MANAGEMENT SYSTEM (ISO9001:2008)
NUCTECH HAS BEEN AWARDED THE CERTIFICATE OF ENVIRONMENTAL MANAGEMENT SYSTEM (ISO14001:2004)
NUCTECH HAS BEEN AWARDED THE CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM (OHSAS18001:2001)