

# THSCAN<sup>®</sup> CX6550B X-RAY INSPECTION SYSTEM

## THSCAN<sup>®</sup> CX6550B SPECIFICATIONS

### General specifications

Tunnel Dimensions	660mm (W) × 505mm (H)
Conveyor Speed	Approx.0.20m/s
Conveyor Height	663mm
Max. Load	160kg
Wire Detect Ability	38AWG (φ0.1mm metal wire)
Penetration(Steel)	25mm (guaranteed) 30mm (typical)
Dose Per Inspection	Less than 2μSv
Film Safety	Safe for film complying ASA/ISO1600

### X-Ray Generator

Anode Voltage	140kV
Cooling/Duty Cycle	Oil cooling/100%

### Image Generating System

X-ray Converter	L-shaped Detector Array
Grey Levels Stored	4096 (12bits)
Image Processing	24bits processing
Data Storage Capacity	At least 10000 pieces of image
Image Presentation	B/W, Multi-energy, Inorganic stripping, Organic stripping, Super enhancement, Negative, High penetration, Low penetration etc.
ROI & Zoom	Selectable image zoom regions:1.5~8 time enlargement
Image Recall	Preceding image recallable (10m of objects)
Monitor	17" high resolution color monitor

### Additional Features

Standard Features	Date/Time Display, Auto-Count of Objects, Operator ID Code, Maintenance Log, System-on/ X-Ray-on Timers, Display of Operating Mode, Power-on Self-diagnosis, Service Menu, All-directional Image Scrolling
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### Options

Treat Area Alert / Interactive Detection of Explosives & Drugs / Treats Images Projection
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### Installation Data

X-Ray Leakage	Less than 1μSv /h (at a distance of 5cm from the housing), complying with all published international standards
Castor	Removable
Dimensions	2040mm(L)×910mm(W)×1345mm (H)
Weight	494kg
Storage Temperature / Humidity	- 40°C ~ + 60°C /10%~ 95% (Non-condensing)
Operating Temperature / Humidity	0°C ~ + 40°C /10%~ 95% (Non-condensing)
Power Supply	220VAC / 110VAC, +10% /-15% 50Hz / 60Hz, ± 3Hz
Power Consumption	0.8kVA

## Company Locations

### NUCTECH COMPANY LIMITED

Address: 2/F Block A, Tongfang Building,  
Shuangqinglu, Haidian District,  
Beijing PRC. 100084

Tel: (8610) 62780909

Fax: (8610) 62788896 62784270

Website: <http://www.nuctech.com>

### NUCTECH HONG KONG COMPANY LTD.

Address: 2102, The Metropolis Tower,  
10 Metropolis Drive, Hung Hom,  
Kowloon, Hong Kong

Tel: (00852) 2722828

Fax: (00852) 27221828

### NUCTECH SYDNEY PTY LTD.

Address: Suite 14 702-710 Botany Rd Mascot,  
NSW 2020 Australia

Tel: 0061-2-93172168

Fax: 0061-2-93172118

### NUCTECH WARSAW COMPANY LIMITED SPOTKA Z.O.O.

Address: ul. Pandy 18  
02-202 Warsaw Poland

Tel: +48 22 6591545

Fax: +48 22 6581483

### JNE SECURITY SYSTEMS LTD.

Address: 1 Antares Drive, Suite 230  
Ottawa, ON K2E 8C4 Canada

Tel: (613) 249 9602

Fax: (613) 249 0421

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NUCTECH HAS ACQUIRED THE CERTIFICATE OF QUALITY MANAGEMENT SYSTEM (ISO9001:2000)  
NUCTECH HAS ACQUIRED THE CERTIFICATE OF ENVIRONMENTAL MANAGEMENT SYSTEM (ISO14001:2004)  
NUCTECH HAS ACQUIRED THE CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT  
SYSTEM(OHSAS18001:1999)

