

# THSCAN<sup>®</sup> CX150180S X-RAY INSPECTION SYSTEM

## THSCAN<sup>®</sup> CX150180S SPECIFICATIONS

| General specifications |                                     |
|------------------------|-------------------------------------|
| Tunnel Dimensions      | 1550mm (W) × 1810mm (H)             |
| Conveyor Speed         | Approx.0.20m/s                      |
| Conveyor Height        | 316mm                               |
| Max. Load              | 2000kg                              |
| Wire Detect Ability    | 36AWG (φ0.1mm metal wire)           |
| Penetration(Steel)     | 41mm                                |
| Dose Per Inspection    | Less than 2μSv                      |
| Film Safety            | Safe for film complying ASA/ISO1600 |

| X-Ray Generator    |                  |
|--------------------|------------------|
| Anode Voltage      | 200kV            |
| 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 |

| Options   |  |
|---|--|
| Treat Area Alert / Interactive Detection of Explosives & Drugs / Treats Images Projection |  |

| 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                       | 5100 mm(L)× 2320mm(W)× 2370mm (H)   |
| Weight                           | 2403kg  |
| 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%<br>50Hz / 60Hz, ±3Hz  |
| Power Consumption                | 2kVA  |

## Company Locations

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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)

 **NUCTECH**

 **JNE Security Systems**