Scan-X Checkpoint
6040D
X-Ray Inspection System

Highlights

- Based on dual-view advanced technology meeting high level security and operational effectiveness demands
- High image quality with wire resolution of 38AWG and steel penetration of 34mm steel
- X-ray leakage around the equipment is close to the natural background level, which meets all published international health and safety standards
- Automatic detection and alarm of explosives and drugs
- Support stepwise, continuous and local zoom functions to enlarge the scanning images in flexible and quick ways.
- Images can be saved as general image format, e.g. BMP, JPG and PNG, and be transferred to USB storage devices
- Ergonomic keyboard and user interface design ensure efficiency and professionalism of the X-ray screening operation
- Modular design and construction combined with full built-in diagnostic facility guarantee the efficiency of equipment maintenance

Introduction

Scan-X CX6040D X-ray Inspection System, our new generation product of dual view dual-energy X-ray inspection machine for inspection of hand-held baggage, small checked luggage and parcels.

CX6040D employs dual view design, images of each view will be shown on a dedicated monitor, thus dangerous objects and contrabands hidden beneath overlapping area are more likely to be found and located. It stands out with more modern and ergonomic design for efficient and professional X-ray screening. With the tunnel dimensions of 606mm width and 420mm height, it is perfectly suitable for baggage inspection in airports, railway stations, customs, ports and stadiums, etc.

CX6040D combined with unsurpassed operation ergonomics, reliability and safety can provide excellent image quality and advanced material classification. CX6040D offers explosive and drug auto detection as optional.
**Scan-X Checkpoint 6040D**

**X-Ray Inspection System**

### Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tunnel Size</td>
<td>606mm (W) x 420mm (H)</td>
</tr>
<tr>
<td>Conveyor Speed</td>
<td>0.20m/s</td>
</tr>
<tr>
<td>Conveyor Height</td>
<td>680mm</td>
</tr>
<tr>
<td>Max. Load</td>
<td>160Kg</td>
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</tbody>
</table>

### Image Performance

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire Resolution</td>
<td>38AWG</td>
</tr>
<tr>
<td>Steel Penetration</td>
<td>34mm</td>
</tr>
<tr>
<td>Display Resolution</td>
<td>1280 x 1024</td>
</tr>
</tbody>
</table>

### Image Processing System

**Image Enhancement**
- Color / Black & White
- Negative
- High / low penetration
- Organic / inorganic stripping
- General enhancement
- Multi-absorptivity and suspect material enhancement, etc.

**Material Classification**
- According to atomic number signatures

**ROI & Zoom**
- Step/stepless zoom, up to 32 times enlargement

**Image Recall**
- Preceding images recallable

**Image Storage Capability**
- Up to 50,000

### Miscellaneous Functions

**Standard Functions**
- Time/date display
- Counters
- User management
- System-on / X-ray-on
- Timers
- Power on self test
- Built-in diagnostic facilities
- Dual-direction scanning
- System log
- System standby and training, etc.

**Optional Functions**
- Explosives/narcotics detections, high-density area alert

### Health and Safety

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Ray Leakage</td>
<td>Less than 1μGy / h (5cm from the housing), complying with all published international standards</td>
</tr>
<tr>
<td>Film Safety</td>
<td>Guaranteed for high speed film up to ASA/ISO1600 (33DIN)</td>
</tr>
</tbody>
</table>

### Installation Data

<table>
<thead>
<tr>
<th>Feature</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>2392(L) x 1157(W) x 1300(H)</td>
</tr>
<tr>
<td>Weight</td>
<td>820Kg</td>
</tr>
<tr>
<td>Operating Temperature / Humidity</td>
<td>0°C ~ 40°C / 5% ~ 95% (non-condensing)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>220VAC/110VAC (-15%~ +10%), 50 Hz/60Hz ±3Hz</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>0.9kVA</td>
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**Scan-X Security Limited**
Unit 1, Westgate Trading Estate, Westgate, Aldridge WS9 8EX.
T: 01922 455 222 F: 0121 275 6048 E: sales@scanxsecurity.com www.scanxsecurity.com

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Note: The appearance and specifications are subject to actual product. Image performance specifications are based on test piece complying with GB 15208.2-2006.