Scan-X Corporate
160KV 5030
Multi-Energy X-Ray Security Scanner

Highlights
- Multi-energy, 34mm steel penetration
- 0.0787mm high-definition image
- Compact, portable and convenient to move
- Ultra-low X-Ray leakage, complying with domestic and international safety standards
- Double screen joint display, wider view and longer recognition time
- Drugs and explosives auto inspection (SX-DEI)
- Hi-spot for image best contrast and HDA to alert dangerous items
- SX Scale to make sure image in original shape without distortion
- Ultra-thin object scanning
- Modular design, self-diagnosis for important parts like X-Ray generator, detection boards array, light barrier
- Convenient software and humanised hardware, special keyboard, zoom and move by mouse
- SX-GSM (optional)
- Threat image projection (SX-TIP) (optional)
- Video monitoring system (SX-VMS) (optional)
- Energy saving device (optional)

Applications
Briefcase, handbags, mail, etc. inspection, widely used in:
- Government
- Court
- Prisons
- Post Office
- Asset Protection
- Exhibitions

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**Scan-X Corporate 160KV 5030**  
**Multi-Energy X-Ray Security Scanner**

### Specification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tunnel Size</td>
<td>505mm (W) x 305mm (H)</td>
</tr>
<tr>
<td>Conveyor Speed</td>
<td>0.2m/s; up to 0.3m/s</td>
</tr>
<tr>
<td>Max. Conveyor Load</td>
<td>120kg (evenly distributed)</td>
</tr>
<tr>
<td>System Noise</td>
<td>&lt;55dB</td>
</tr>
</tbody>
</table>

### Performance Index

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>0.0787mm Metal Wire (AWG40)</td>
</tr>
<tr>
<td>Penetration</td>
<td>34mm Steel</td>
</tr>
<tr>
<td>Leakage</td>
<td>&lt;0.1 µ Sv/H</td>
</tr>
<tr>
<td>Dose Per Inspection</td>
<td>&lt;2.62 µ Sv</td>
</tr>
<tr>
<td>Image Resolution</td>
<td>1280 x 1024/24Bits</td>
</tr>
<tr>
<td>Film Safety</td>
<td>ISO 1600 guaranteed</td>
</tr>
</tbody>
</table>

### Image Processing

- Colour / Black & White
- Multi-energy
- Organic/Inorganic Strip
- Edge Enhancement
- Super Enhancement
- Negative
- H/L Penetration
- Gray Level Scanning
- Pseudo Colour
- SX-DEI
- High Density Alarm
- Hi-Spot
- Light Metal and Mixture: Green
- High Density Material: Black or Red

### Material Classification

- Organic: Orange
- Inorganic: Blue

### Zoom

- 1-32 Times for any zone, Dynamic, Smooth and Stepless
- Full screen zoom by one click

### Double-screen Display

- Double-screen Joint Display
- Colour + Black and White Display
- Double-screen Copy Display

### Image Recall

- 20 Screens

### Image Storage

- 100000 images (at least)
- Image Simulated Playback
- Image Search
- Image Export
- Image Batch Conversion (to .jpg)

### Additional Features

- Customised Shortcuts
- Image Retrieval
- Package Counter
- Multi-level User Management
- User Report Management
- Self Diagnosis
- Maintenance Warning
- Date/time Display
- Quick Shutdown
- Multi-language
- X-Ray Work Time Counter
- System Work Time Counter

### Display

- High Resolution 19" LCD

### X-Ray Generator

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Ray Direction</td>
<td>Upward</td>
</tr>
<tr>
<td>Tube Voltage</td>
<td>100-160KV (adjustable)</td>
</tr>
<tr>
<td>Tube Current</td>
<td>0.3 - 1.2 mA (adjustable)</td>
</tr>
<tr>
<td>Cooling / Duty</td>
<td>Sealed Oil Cooling / 100%</td>
</tr>
<tr>
<td>Beam Launch Angle</td>
<td>80°</td>
</tr>
</tbody>
</table>

### Installation Data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage Temperature / Humidity</td>
<td>-20°C — +50°C / 10% — 95% (non-condensing)</td>
</tr>
<tr>
<td>Working Temperature / Humidity</td>
<td>0°C — +45°C / 10% — 95% (non-condensing)</td>
</tr>
<tr>
<td>Working Voltage</td>
<td>AC 220V (-15% — +10%), 50Hz/60Hz ± 3Hz</td>
</tr>
<tr>
<td>Power</td>
<td>0.4kVA</td>
</tr>
</tbody>
</table>

Note: The appearance and specifications are subject to actual product.