



### Overview:

| PHYSICAL SPECIFICATIONS               |  |
|---------------------------------------|--|
| <b>Tunnel Size</b>                    | 606 x 405 (mm)/23.9" x 15.9" (in.)   |
| <b>Unit Weight</b>                    | 455 kg/1003.1 lbs  |
| <b>Unit Size (LxWxH)</b>              | 79" x 33.7" x 48.9" (in.)/ 2007 x 855 x 1243 (mm)  |
| <b>Gross Weight</b>                   | 1102.31lbs/500 kg  |
| <b>Packing Size</b>                   | #1: 86.6" x 39.8" x 61.4" (in.)/550 x 101 x 156 (cm)<br>#2: 33.9" x 33.9" x 55.9" (in.)/86 x 86 x 142 (cm)<br>#3: 26.4" x 30.3" x 4.7" (in.)/67 x 77 x 12 (cm) |
| GENERAL SPECIFICATIONS                |  |
| <b>Conveyor Speed</b>                 | 0.22 m/s forward or backward   |
| <b>Conveyor Height</b>                | 668 mm / 26.3" in.   |
| <b>Conveyor Capacity</b>              | 150 kg / 330.7 lbs   |
| <b>Frame Design</b>                   | 304 stainless steel, 2-5 mm cold rolled plate and square steel, double-layer staggered lead impregnated safety curtain   |
| <b>X-Ray Dose/Inspection</b>          | ≤2.5μSv  |
| <b>X-Ray Leakage</b>                  | ≤1μSv/h at any point 5 cm outside the external surface. FDA standard is ≤5μSv/h  |
| <b>Steel Penetration</b>              | 30mm / 1.2" in. guaranteed   |
| <b>Wire Resolution</b>                | AWG40 guaranteed   |
| <b>Penetration Resolution</b>         | AWG32 guaranteed   |
| <b>Spatial Resolution:</b>            | 1.0 mm Horizontal, 1.0 mm Vertical   |
| <b>Power Consumption</b>              | Max. 0.8KW   |
| <b>Noise</b>                          | <60 dB   |
| <b>Film Safety</b>                    | Guarantee ASA/ISO1600 Film   |
| X-RAY GENERATOR (SINGLE)              |  |
| <b>Anode Voltage</b>                  | 140KV  |
| <b>Ray Direction</b>                  | Upward   |
| <b>Cooling / Duty Cycle</b>           | Sealed oil cooling /100%   |
| COMPUTER AND OTHER                    |  |
| <b>Monitor</b>                        | One 17" in. LCD monitors, 1280 x 1024  |
| <b>Console</b>                        | No   |
| <b>CPU</b>                            | Intel (R) i3 (R) 3.3GHz  |
| <b>RAM</b>                            | 4GB  |
| <b>Hard Disk</b>                      | 2TB  |
| <b>Keyboard</b>                       | Special design   |
| <b>Platform</b>                       | Windows <sup>®</sup> 10  |
| <b>Backup</b>                         | Uninterrupted Power Supply (UPS)   |
| <b>Electric Roller</b>                | Three-phase  |
| OPERATING ENVIRONMENT                 |  |
| <b>Operation Temperature/Humidity</b> | 5°C to 40°C (41°F to 104°F)/0%-90% (non-condensing)  |
| <b>Storage Temperature/Humidity</b>   | -20°C to 60°C (-4°F to 140°F)/10%-90% (non-condensing)   |
| <b>Operation Power</b>                | 220V(+10% ~ -15%) 50±3Hz<br>Options: 100-130V, 200-250V, 60Hz  |
| <b>UPS</b>                            | Options: 15mins, 30mins, 60mins etc  |
| IMAGING SYSTEM                        |  |
| <b>Detector</b>                       | 1152 channels in an L-Shaped Array   |

### Overview:

- Radiation safe
- High resolution, high penetration and good image quality
- Multilingual operation
- Automatic built in test and self diagnosis
- Threat alert and material classification
- Energy saving design
- One key turn off with patent
- Drugs and explosives detection
- Sens-Tech detection board and Hamamatsu detector

### Models Available

| MODEL     | STEEL PENETRATION | X-Ray Generator |
|-----------|-------------------|-----------------|
| 2MX-6040  | 32mm              | 140kv           |
| 2MX-6040H | 38mm              | 160kv           |

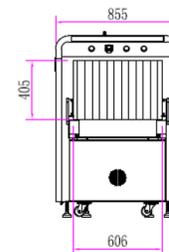
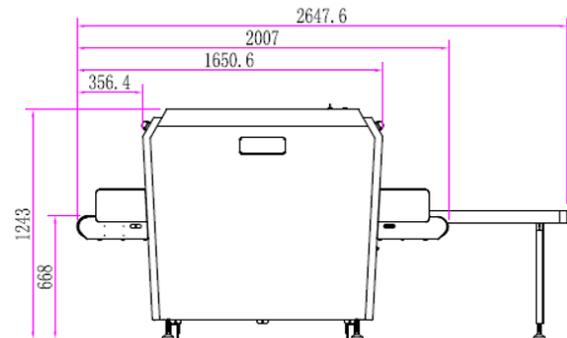


|                                      |   |
|--------------------------------------|---|
| <b>Image Processing</b>              | Color / black and white imaging, local enhancement, high penetration, low penetration, super enhancement, organic stripping, inorganic stripping, reverse color, brightening, darkening, gray level change/variable contrast, continuously zoom maximum 64x, pseudo color imaging, organics enhancement, suspicious item alarm and notation, edge enhancement imaging, etc. |
| <b>Suspicious Alarm</b>              | Alarm and box line the suspicious objects including hard to penetrate material, explosives and drugs  |
| <b>Threat Image Projection (TIP)</b> | Inserting fictional, but realistic images of threat items into baggage during screening operation, for maintenance of vigilance, as well as training and assessment of image identification capability  |
| <b>Image Recall</b>                  | 30 recallable images  |
| <b>Image Archive</b>                 | Up to 50,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other formats   |
| <b>Miscellaneous Functions</b>       | Time/date display, counters, user management, system-on/x-ray-on timers, power on self test, built-in diagnostic facilities, bi-directional scanning, forced scanning, image search and export, system setting, system log, system standby and stimulant training, etc.   |
| <b>Options</b>                       | Intelligent roller, remote work station, network integration, video monitoring, face recognition and baggage integration, recheck station, additional roller table, etc.  |

### Imaging



### Dimensions



\*Product specifications and availability are subject to change without notice.