

Specifications

| PHYSICAL SPECIFICATIONS | |
|---|---|
| Unit Weight | 300 kg/661.4 lbs |
| Unit Size (LxWxH) | 1660 x 746 x 1165 (mm)/65.4" x 29.4" x 45.9" (in) |
| Gross Weight | 400 kg / 881.8 lbs |
| Packing Size | 179 x 87 x 137 (cm)/70.5" x 34.3" x 53.9" (in) |
| GENERAL SPECIFICATIONS | |
| Tunnel Size (LxW) | 503 x 295.5 (mm)/16.5' x 9.7' (ft) |
| Conveyor Speed | 0.22 m/s |
| Conveyor Height | 663.5 mm / 26.1" (in) |
| Conveyor Max Load | 100 kgs / |
| X-ray Dose Per Each Inspection | ≤2.5μGy |
| X-ray Leakage | ≤1μSv/h at any point 5 centimeters outside the external surface |
| Penetration | 32mm steel |
| Wire Resolution | dia 0.0787mm copper wire (AWG40) |
| Penetration Resolution | dia 0.202mm copper wire (AWG32) under three-step aluminum wedge 9.5mm, 15.9mm, 22.2mm |
| Spatial resolution: | Horizontal: dia 1.0mm, Vertical: dia 1.0mm |
| Power Consumption | Max. 500W |
| Noise | <60 dB |
| Film Safety | Guarantee ASA/ISO1600 Film |
| X-RAY GENERATOR (SINGLE) | |
| Anode Voltage | 140 KV |
| Ray Direction | Upward |
| Cooling / Duty Cycle | Sealed oil cooling /100% |
| IMAGING SYSTEM | |
| X-ray Sensor | L-Shaped Photo diode Array, 12bit deep |
| Image Processor | 24bit real time processing, 4 color analysis, Images displayed stamped with date and ID number, baggage counter |
| Image Display | High resolution of 1024x1280 pixel; Image Grey Level: 4096 |
| Image Enhancement | 1-64times enlargement continuity, Color/BW, negative, high/low penetration enhancement, brightening, darkening, gray level scan, super enhancement, elimination of organics/inorganic, local enhancement, pseudo color processing, edge enhancement, etc. |
| Explosives & Narcotics Detection | Suspect organics highlight (atomic number Zeff=7,8,9) |
| Suspect Alarm | Audible alarm and box will outline the suspicious object(s) on the screen to include hard to penetrate materials, explosives and drugs |
| Threat Image Projection (TIP) | Insertion of fictional but realistic images of threatening items into baggage during screening operation for training purposes to assess image identification capabilities |
| Image Recall | 30 recallable images |
| Image Archive | Up to 100,000 images stored automatically, can be transferred to a USB disk, and converted to JPG, BMP and other general formats |
| Miscellaneous Functions | Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, system log, system standby and simulated real-world training, etc. |



Features:

- Multilingual operation
- Automatic built-in test and self-diagnosis
- Secure access Key
- Threat alert and material classification
- Auto archiving
- One key turn off
- Drugs and explosives inspection
- Indication of the date and time
- Baggage counter
- Detect PCB board
- USA Sensortech Extension Rollers, customize size length
- Support card reader operator access
- CD DVR/RW unit: Optional Computer system: XP system UPS: 15mins, 30mins, 60mins etc,
- Windows 10, Dual energy, Sens-Tech data processor w/Hamamatsu detector
- Options: Extension rollers, intelligent roller, UPS, Spellman generator, etc.
- No console available
- Uninterruptible power supply (UPS)
- Energy Saving Design

Models Available

| MODEL | STEEL PENETRATION | X-Ray Generator |
|------------------|-------------------|-----------------|
| 2MX-5030 | 32mm | 140kv |
| 2MX-5030H | 38mm | 160kv |



| | |
|--|---|
| Options | Intelligent roller, etc. |
| OPERATING ENVIRONMENT | |
| Operation Temperature/ Humidity | 5°C to 40°C/0% to 90%(non-condensing) |
| Storage Temperature/ Humidity | -20°C to 60°C/10% to 90%(non-condensing) |
| Operation Power | 220VAC(±10%) 50±3Hz (Optional: 100VAC,110VAC,120VAC,200VAC) |
| UPS | Options: 15mins, 30mins, 60mins etc |
| COMPUTER AND OTHER | |
| Monitor | High Resolution Color, 1280 x 1024 LCD 17" inch |
| RAM | 4GB |
| Hard Disk | 2TB |
| Keyboard | Special designed + Normal keyboard |
| System | Windows 10 |
| Electric Roller | Single-phase |
| COMPLIANCE | |
| International | <ul style="list-style-type: none"> • ISO19001; ISO14001; OHSMS18001; • CE RoHS • FDA FCC |

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

Dimensions (mm)

