



## Features:

- Mobile and portable x-ray scanner
- High-resolution x-ray imaging
- Powerful X-ray generator
- Penetration up to 30 mm steel
- Rapidly deployed in all remote areas
- Scans wide range of objects

**Note: the van is not included.  
 The image is for marketing purposes ONLY.**

Our mobile X-ray scanners are vehicle-mounted systems featuring high-resolution X-ray imaging technology that can be rapidly deployed in all urban and remote areas. These portable and durable units ensure reliable performance in the most demanding conditions and can be easily relocated to adapt to evolving medical needs.



## Specifications

|   |   |
|---|---|
| <b>Operating temperature / humidity</b> | 5°C - 40°C / 0% - 90%(non-condensing)                       |
| <b>Storage temperature / humidity</b>   | -20°C to 60°C / 10% - 90%(non-condensing)                   |
| <b>Operation power</b>                  | 220 VAC (±10%) 50 ± 3Hz (Options:110-120V, 230-240V, 60Hz)  |
| <b>Stabilizer &amp; UPS</b>             | Optional  |
| <b>Monitor</b>                          | one 21.5-inch LCD monitor, 1920 * 1080, one console desk    |
| <b>RAM</b>                              | 1 GB  |
| <b>Hard disk</b>                        | 1 T   |
| <b>Keyboard</b>                         | included  |
| <b>System</b>                           | linux operating system, multi-core ARM, stable and reliable |
| <b>Electric roller</b>                  | three-phase   |
| <b>COMPLIANCE</b>                       |   |
| <b>International</b>                    | ISO19001; ISO14001; ISO45001, CE RoHS, FDA FCC              |

## Specifications

|   |  |
|---|--|
| <b>Product folded dimensions</b>            | 1200 (L) x 956 (W) x 1273 (H) (mm) / 47" x 38" x 50" (in)  |
| <b>Unit Weight</b>                          | 450 kg / 992 lbs   |
| <b>Product folded dimensions</b>            | 2503 (L) x 956 (W) x 1300 (H) (mm) / 98" x 38" x 51" (in)  |
| <b>Gross Weight</b>                         | 700 kg / 1543 lbs  |
| <b>Packing size</b>                         | #1: 51" x 43" x 59" (in) / 130 x 110 x 150 (cm)<br>#2: 29.5" x 25.6" x 38.9" (in) / 75 x 65 x 99 (cm)  |
| <b>Tunnel size</b>                          | 650 (L) x 500 (W) mm / 26" x 20" (in)  |
| <b>Conveyor Speed</b>                       | 0.22 m/s   |
| <b>Conveyor Height</b>                      | 9.4"/240 mm  |
| <b>Conveyor Max Load</b>                    | 150 kg / 330 lbs   |
| <b>X-Ray dose per inspection</b>            | ≤2.5 µGy   |
| <b>X-Ray Leakage</b>                        | < 1 µGy at any point 5 cm outside the external surface.  |
| <b>Steel Penetration</b>                    | 30 mm steel  |
| <b>Wire Resolution</b>                      | dial 0.0787 mm copper wire (AWG40)   |
| <b>Penetration Resolution</b>               | dial 0.202 mm copper wire (AWG32)  |
| <b>Spatial Resolution</b>                   | horizontal dial 1.0 mm vertical dia 1.0 mm   |
| <b>Power Consumption</b>                    | max. 800 W   |
| <b>Noise</b>                                | <60 dB   |
| <b>Film Safety</b>                          | guarantee ASA/ISO1600 Film   |
| <b>X-RAY GENERATOR (DUAL)</b>               |  |
| <b>Anode Voltage</b>                        | 140 KV   |
| <b>Ray direction</b>                        | downward   |
| <b>Cooling / Duty Cycle</b>                 | sealed oil coiling / 100%  |
| <b>IMAGE SYSTEM</b>                         |  |
| <b>X-ray sensor</b>                         | L-shaped Photodiode Array, 12-bit deep   |
| <b>Image process</b>                        | 24 bits real-time processing, 4 colors analysis, Images displayed marked date and ID No., Count the number of bags   |
| <b>Image display</b>                        | High resolution of 1920*1080 pixel; Image Grey Level: 65536  |
| <b>Image enhancement</b>                    | 1-32 times enlargement continuity, Color/BW, negative, high/low penetration enhancement, brightening, darkening, gray level scan, super enhancement, elimination of organics/inorganics, local enhancement, pseudo color processing, edge enhancement. |
| <b>Explosives &amp; narcotics detection</b> | suspicious organics highlighted (atomic number Zeff=7,8,9)   |
| <b>Suspicious alarm</b>                     | alarms and boxes line the suspicious objects, including hard-to-penetrate material, explosives, and drugs  |
| <b>Threat Image Projection</b>              | included   |
| <b>Image Recall</b>                         | 30 images  |
| <b>Image Archive</b>                        | Up to 10,000 images are stored automatically, enabled for transferring to USB disk and converting to JPG format  |
| <b>Miscellaneous functions</b>              | time/date display, counters, user management, system-on/X-ray-on timers, power-on self-test, built-in diagnostic facilities, system log, system standby, stimulant training, etc.  |
| <b>Options</b>                              | dual-direction scanning, intelligent roller.   |

## Dimensions

