HS 6040SV™

Mid-Size Baggage & Parcel X-Ray Machine

The most flexible X-Ray System for the screening of mail & parcels, handbags and laptop bags. The HS 6040 SV is ideal for all limited space applications.

The HS 6040 SV™ (Single View) Security X-Ray Inspection System is an ideal mid-range unit that allows for the x-raying of a wide range of items. For the screening of carry-on or similar sized luggage, it is considered to be the most flexible and preferred choice for virtually every airport in the world. It is also ideal for reception areas, railway stations, hospitals, prisons, ports and Government buildings. Designed with a 605 mm x 405 mm tunnel size, the HS 6040 SV™ is the most popular machine on the market.

The HS 6040 SV™ is built with high definition detectors and state of the art photo sensors that allow for ultra-thin objects placed on the conveyor belt to be picked up and scanned. The HS 6040 SV™ provides picture-pure resolution with a super enhanced image processing and a automatic 20 x screen image playback capability. Users can operate the unit either with a monitor directly on top of the machine or remotely up to 10 metres away. In addition to the standard configuration, the HS 6040 SV™ can be supplied with a number of optional extras including TIP (Threat Image Projection); VMS (Video Monitoring System); Roller Tables (of any length) and a UPS (Uninterrupted Power Supply).

SPECIAL FEATURES

- Dual-energy high-definition detectors
- Compact design
- Ultra thin object scanning using micro photo sensors
- Modular design with self-diagnosis capability
- Organic / inorganic stripping
- Automatic threat and density alert
- Network ready
- Image archiving

EXTRAS

- Entry/exit guards
- Roller tables (entry/exit) built to any length
- UPS (Uninterrupted Power Supply)
SPECIFICATIONS

GENERAL
- Construction: Steel based
- Tunnel Size: 605 mm (W) x 405 mm (H)
- Length / Width / Height: 1900 mm (L) x 895 mm (W) x 1285 mm (H)
- 520 Kgs (uncrated)
- 580 Kgs (crated)
- Conveyor Height: 693 mm
- Conveyor Speed: >0.20 metres per second
- Maximum Conveyor Load: 200 Kg (evenly distributed)
- System Noise Level: <56 dB

PERFORMANCE INDEX *
- Penetration: 36 mm Steel (guaranteed)
- Resolution (wire gauge): 40 AWG (guaranteed)
- X-RAY GENERATOR
  - Tube Voltage: 100 – 160 kV (adjustable)
  - Tube Current: 0.3 – 1.2 mA (adjustable)
  - Cooling / Duty Cycle: Sealed oil cooling / 100%
  - Beam Launch Angle: 80 degrees

OPERATIONAL INDEX
- Storage Temp/Humidity: -20ºC to 50ºC
- Working Temp/Humidity: 0ºC to 45ºC
- Working Voltage: AC 220 V (± to 10 %)
  - 50 Hz / 60 Hz ± 3 Hz
- Power: 0.7 kVA
- Leakage: <0.5 µSv / H
- Dose Per Inspection: <1.5 µSv (typical)
- Duty Cycle: 100 % (no burn in necessary)

IMAGING
- Image resolution: 1280 x1024 x 24 bits
- Zoom 2 - 64 x (dynamic, smooth and continuous)
- Full screen zoom (one click)
- High, low penetration
- Organic / inorganic stripping
- Picture pure (no distortion)
- Super edge enhancement capability
- Operator assist, automatic threat and density alert
- Automatic 20x screen image recall (last in first out)
- Dual-energy technology
- Colour, black and white display

IMAGE RECALL
- 100,000 Images storage capacity (standard)
- Image conversion and export to jpg, png and bmp
- Image search and simulated playback

ADDITIONAL FEATURES
- Configurable operator interface
- 19” High resolution flat panel LCD monitor
- 24 Bit colour processing
- Multi language support
- Network capable
- Luggage counter
- User Report Management
- Self-diagnostics
- Date / time display
- Double screen joint and copy display (optional)

COMPLIANCE STANDARDS
- Complies with film safety ISO 1600 / 33 DIN high speed photographic film
- All equipment is CE (Europe) certified and manufactured to ISO 9001 standards
- * Measured with factory test piece