ETSCAN-6550D

EXPLL TECHNOLOGIES

- **BORDER CROSSINGS AND TRANSPORTATION FACILITIES**

- **SECURITYCHECKPOINTS AND CORRECTIONAL FACILITIES**

- **GOVERNMENTAL BUILDINGS AND COURTHOUSES**

- **BANKS AND HOTEL COMPLEXES**

- **CRUISE SHIPS AND CRITICAL INFRASTRUCTURE**

SMALL PARCEL X-R AY DUA L VIEW TW O G ENE RATOR

ETSCAN-6550D is an advanced dual-energy X-ray inspection of hand luggage, baggage. Being equipping with two X-ray generators it provides a viewing of the checked object in two projections. With tunnel dimensions of 25.98"x19.72" (in) 660 x 501 mm it is ideal for inspection of hand luggage, baggage and cargo at airports, railway stations, customs posts, ports, etc.

KEY FEATURES

- Dual view technology with images from two angles
- Radiation safe
- Sens-Tech detection board and Hamamatsu detector
- High resolution, high penetration and good image quality
- High load-bearing capacity
- Multilingual operation
- Automatic built in test and self diagnosis
- Secure access key
- Threat alert and material classification
- Auto archiving
- Energy saving design
- One key turn off with patent
- Drugs and explosives inspection
- Indication of the date and time
- Baggage counter

OPTIONS

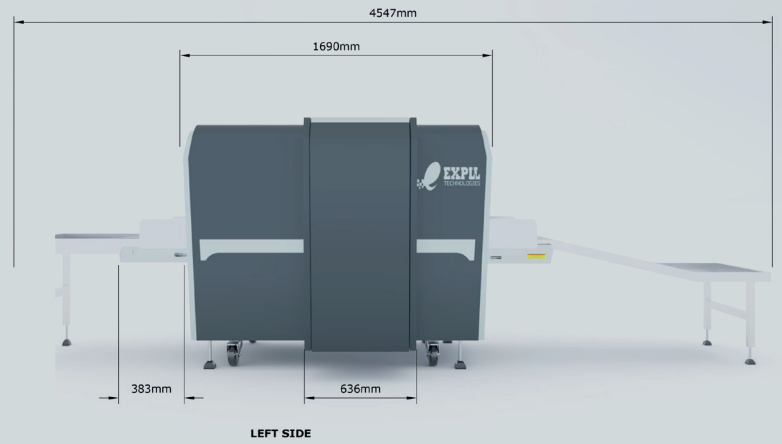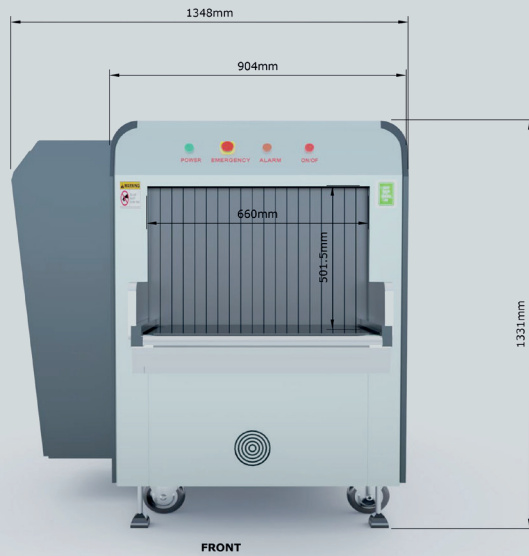| COMPUTER AND OTHER	
Monitor	Dual 24" LCD Color Monitors, 1280 x 1024; 24 Bit/Pixel Color
Console	A console which can lock the display and keyboard
CPU	Intel (R) i3 (R) 3.3GHz
RAM	4GB
Hard Disk	500 GB HDD, 120 GB SSD · 1GB Video Card
Keyboard	Special designed
Platform	Windows 10
Backup	Uninterrupted Power Supply (Computer Operation - 20 Minute)
Roller	1.0m Entry Roller Table

CE FC FDA

ETSCAN-6550D

TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS

Tunnel Size (WxH)	25.98" x 19.72" (in) [660 x 501 (mm)]
Unit Weight	1631.42 lbs [740 kg]
Unit Size (LxWxH)	100.24" x 53.07" x 54.4" (in) [2456 x 1348 x 1331(mm)]
Palletized Gross Weight	1895.98 lbs [860 kg]
Packing Size	#1: 105.5" x 59.84" x 64.57" (in) [268 x 152 x 164 (cm)] #2: 44.49" x 36.61" x 55.91" (in) [113 x 93 x 142 (cm)] #3: 61.81" x 32.28" x 17.32" (in) [157 x 82 x 44 (cm)]
Conveyor Speed	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height	26.34" (in) [669 mm]
Conveyor Max Load	363.76 lbs [165 kgs]
X-Ray Dose Per Each Inspection	≤4.8μSv
X-Ray Leakage	<0.1 mR/hr at any point 5 cm outside the external surface. (Leakage less than 0.5 mR/hr permitted by the Federal Standard)
Steel Penetration	34 mm guaranteed
Wire Resolution	Horizontal AWG38 / Vertical AWG36 guaranteed
Penetration Resolution	AWG32 guaranteed
Spatial Resolution	Horizontal view: 1.3mm Horizontal / Vertical Upward view: 1.0mm Horizontal / Vertical
Power Consumption	Max. 1KW
Noise	<60 dB
Film Safety	Guarantee ASA/ISO1600 Film

X-RAY GENERATOR (DUAL)

Anode Voltage	160 KV
Ray Direction	Vertical and Horizontal
Cooling / Duty Cycle	Sealed oil cooling /100%

OPERATING ENVIRONMENT

Operation Temperature/	5℃-40℃
Operating Humidity	0%-90%(non-condensing)
Storage Temperature	-20℃ to 60℃
Storage Humidity	10%-90%(non-condensing)
Power	110VAC±10%, 50/60Hz, 20 Amp Max 220VAC ±10%, 50/60Hz, 15 Amp Max

COMPLIANCE

International	· ISO19001; ISO14001; OHSMS18001; · CE RoHS · FDA FCC

IMAGING SYSTEM

Detector	2560 channels in two L-Shaped Arrays
Images Processing	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.
Explosives & Narcotics Detection	Suspicious organics highlight (atomic number Zeff=7,8,9)
Suspicious Alarm	Alarm and box line the suspicious objects including hard to penetrate material, explosives and drugs
Threat Image Projection (TIP)	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
Image pullback	30 images
Image Archive	Up to 50,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other formats
Miscellaneous Functions	Time/date display, counters, user management, system-on/x-rayon timers, power on self test, built-in diagnostic facilities, bidirectional scanning, forced scanning, image search and export, system setting, system log, system standby and stimulant training,etc.
Options	Intelligent roller, remote work station, network integration, video monitoring, face recognition and baggage integration, recheck station, additional roller table, etc.

ETSCAN-6550D

EXPLL TECHNOLOGIES

DIMENSIONS

1348mm
904mm
660mm
501.5mm
1331mm

FRONT

4547mm
1690mm
383mm
636mm

LEFT SIDE

OPTIONS

DUAL MONITOR OPERATOR STAND

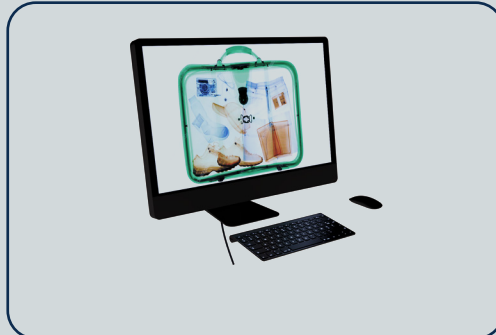**AIRPORT SECURITY SCANNER CONVEYOR TRAYS**

SINGEL MONITOR OPERATOR

OPERATOR DESK

TOUCH SCREEN OPERATOR STATION

ROLLER TABLES IN DIFFERENT LENGTHS