ETSCAN-6550

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-RAY SCANNER MACHINE

ETSCAN-6550 it is an Small Parcel Scanner for hand luggage and baggage.

Being equipped with two X-ray generators it provides the display of the inspected object in two projections. With tunnel dimensions of 658 x 490 (mm) / 25.9″ x 19.3″ (in.) it is ideal for screening hand luggage and baggage at airports, railway stations, customs posts, ports, etc.

Along with unmatched ergonomics, reliability and safety, X-ray inspection machines **ETSCAN-6550** provide excellent image quality and improved material classification

KEY FEATURES

- Available in two density penetration capacities of 30mm or 38mm (1.2″ in. or 1.5″ in.)
- 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
- 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 4	GB
Hard Disk	500 GB HDD, 120 GB SSD · 1 GB 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

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TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS	
Tunnel Size (WxH)	658 x 490 (mm) / 25.9″ x 19.3″ (in.)
Unit Weight	480 kg/1058.2 lbs
Unit Size (LxWxH)	2195 x 902 x 1362(mm)/86.4″ x 35.5″ x 53.6″ (in)
Palletized Gross Weight	1895.9 lbs [860 kg]
Packing Size	#1: 105.5″ x 59.8″ x 64.6″ (in) [268 x 152 x 164 (cm)] #2: 44.5″ x 36.6″ x 55.9″ (in) [113 x 93 x 142 (cm)] #3: 61.8″ x 32.3″ x 17.3″ (in) [157 x 82 x 44 (cm)]
Conveyor Speed	23 cm/s (0.75 ft/min) Forward or Reverse
Conveyor Height	700 mm/27.6″ in.
Conveyor Max Load	150 kg/330.7 lbs
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 Wire Resolution	30mm / 1.2″ in. guaranteed 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 (SINGLE)	
Anode Voltage	140 KV
Ray Direction	Vertical and Horizontal
Cooling / Duty Cycle	Sealed oil cooling /100%

OPERATING ENVIRONMENT	
Operation Temperature/ Operating Humidity	5℃ to 40℃ / 5℉ to 104℉ 0%-90%(non-condensing)
Storage Temperature Storage Humidity	-20℃ to 60℃ / -4℉ to 140℉ 10%-90%(non-condensing)
Power	110VAC±10%, 50/60Hz, 20 Amp Max 220VAC ±10%, 50/60Hz, 15 Amp Max

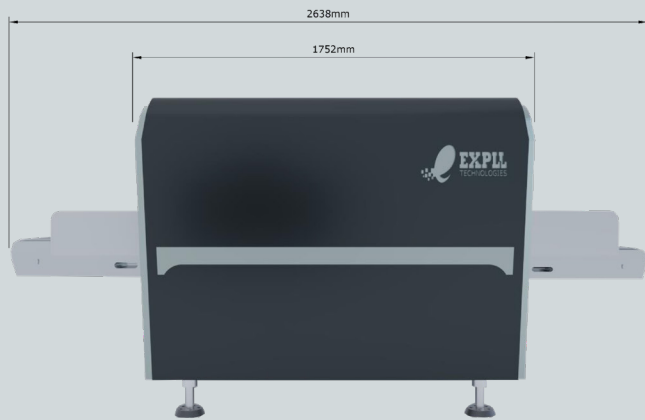| COMPLIANCE	
International	· ISO19001; ISO14001; OHSMS18001; · CE RoHS · FDA FCC

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.

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MODELS AVAILABLE

MODEL	STEEL PENETRATION	X-Ray Generator
ETSCAN-6550	30mm/1.2″ in	140kv
ETSCAN-6550P	38mm/1.5″ in.	160kv

DIMENSIONS

2638mm
1752mm

LEFT SIDE

658mm
490mm
1362mm

FRONT

OPTIONS

DUAL MONITOR OPERATOR STAND

AIRPORT SECURITY SCANNER CONVEYOR TRAYS

SINGEL MONITOR OPERATOR

OPERATOR DESK

TOUCH SCREEN OPERATOR STATION

ROLLER TABLES IN DIFFERENT LENGTHS

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