ETSCAN-100100P

EXPLL TECHNOLOGIES

- **BORDER CROSSINGS AND TRANSPORTATION FACILITIES**

- **SECURITYCHECKPOINTS AND CORRECTIONAL FACILITIES**

- **GOVERNMENTAL BUILDINGS AND COURTHOUSES**

- **BANKS AND HOTEL COMPLEXES**

- **CRUISE SHIPS AND CRITICAL INFRASTRUCTURE**

LARGE BAGGAGE AND PACKAGES X-RAY SCANNER

X-Ray Large Baggage **ETSCAN-100100P** it is an advanced inspection system for hand luggage, baggage and cargo.

With tunnel dimensions of 1000 x 1000 (mm) / 39.4″ x 39.4″ (in.) it is ideal for inspection of hand luggage, baggage and cargo at airports, railway stations, customs posts, ports, etc.

Along with unmatched ergonomics, reliability and safety, Xray inspection machines **ETSCAN-100100P** provide excellent image quality and improved material classification.

X-ray inspection machine **ETSCAN-100100P** has the function of automatic detection of explosives and drugs.

FEATURES

- Dual monitors
- Secure access key
- Multilingual operation
- Automatic built in test and self-diagnostics
- Uninterruptible power supply (UPS) for computer
- Threat alert and material classification
- Energy saving design
- One key turn off
- Drugs and explosives detection
- Baggage counter
- Time and date stamp
- Sens-Tech detection board and Hamamatsu detector

OPTIONS

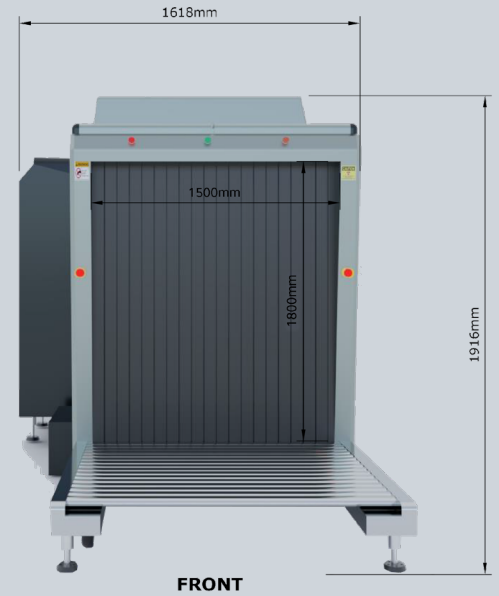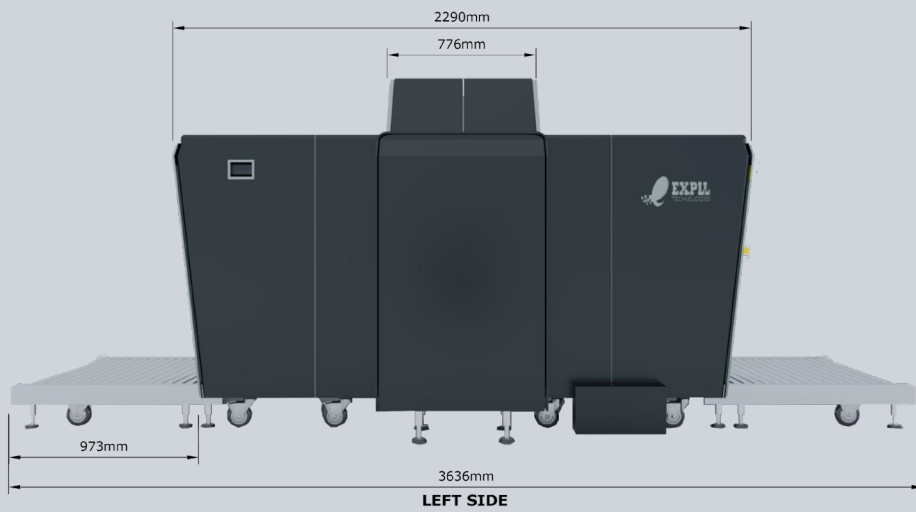| COMPUTER AND OTHER	
Monitor	High Resolution Color, LCD Accord, 17inch
RAM	4GB
Hard Disk	2TB
Keyboard	Special designed
System	Windows 10
Electric roller	Three-phase
Stabilizer and UPS	Stabilizer optional. UPS options: 15mins, 30mins, 60mins etc.

CE FC FDA

ETSCAN-100100P

EXPLL TECHNOLOGIES

TECHNICAL SPECIFICATIONS

PHYSICAL SPECIFICATIONS	
Tunnel Size (LxH)	1000 x 1000 (mm) / 39.4″ x 39.4″ (in.)
Unit Weight	950kgs/2094.4 lbs
Unit Size (LxWxH)	3629 x 1295 x 1916 (mm)/ 142.9″ x 51″ x 75.5″ (in.)
Gross Weight	1100kgs/2204.6 lbs
Packing Size	#1: 285 x 142 x 212 (cm)/112″ x 55.9″ x 83.5″ (in.) #2: 122 x 90 x 141 (cm) / 48″ x 35.4″ x 55.5″ (in.)

GENERAL SPECIFICATIONS	
Conveyor Speed	0.22 m/s (0.72 ft/s)
Conveyor Height	341 (mm)/ 13.4″ (in.)
Conveyor Capacity	200 kg/440.9 lbs
X-ray Dose/Inspection	≤4μSv
X-ray Leakage	≤1μSv/h at any point 5 centimeters outside the external surface
Penetration	34mm steel
Wire Resolution	Dia. 0.127mm copper wire (AWG36)
Penetration Resolution	Dia. 0.202mm copper wire (AWG32) under three-step aluminum wedge 9.5mm, 15.9mm, 22.2mm
Spatial resolution	Horizontal: dia. 1.3mm, Vertical: dia. 1.3mm
Power Consumption	Max. 1KW
Power Current	Max. 5mA
Noise	<60 dB
Film Safety	Guarantee ASA/ISO1600 Film

X-RAY GENERATOR:	
Anode Voltage	140-160 KV Adjustable
Ray Direction	Downward
Cooling / Duty Cycle	Oil Cooling /100%

OPERATING ENVIRONMENT	
Operation Temperature/ Humidity	5℃ to 40℃ (14℉ to 104℉)/0%-90% (non-condensing)
Storage Temperature/ Humidity	-20℃ to 60℃ (-4℉ to 104℉)/ 10%-90%(non-condensing)
Operation Power	220VAC(±10%) 50±3Hz (Optional: 100VAC,110VAC, 120VAC,200VAC)

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

IMAGING SYSTEM	
X-ray Sensor	L-Shaped photodiode array, 12 bit deep
Images Process	24 bit real time processing ,4colors analysis, Images displayed marked date and ID No., Count the number of bags
Image Display	High resolution of 1024 x 1280 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 organic/inorganic materials, local enhancement, pseudo color processing, edge enhancement, etc.
Image Recall	30 images recallable
Explosives & Narcotics Detection	Suspicious organics highlight(atomic number Zeff=7,8,9)
Alarm	Alarm will sound with a box outline of the suspicious object(s) including hard to penetrate material, explosives and drugs
Threat Image Projection	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 Archive	Up to 50,000 images stored automatically, enable transferring to USB disk, and converting 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 diagnostics, dual-directional scanning, system log, system standby and stimulation training, etc.
Network Applications	(Optional) Multiple remote applications available based on Ethernet LAN and windows platform, such as image centralized storage and identify, recheck workstation etc.

ETSCAN-100100P

DIMENSIONS

2290mm
776mm
973mm
3636mm

LEFT SIDE

1618mm
1500mm
1800mm
1916mm

FRONT

OPTIONS

DUAL MONITOR OPERATOR STAND

AIRPORT SECURITY SCANNER CONVEYOR TRAYS