



Aviation and Transport

Checkpoint and Cargo Screening

As a result of domestic and international security measures to improve global aviation and transport safety, Astrophysics offers a diverse product line for checkpoint and cargo screening. We have 12 XIS systems ranging from the XIS-6040 to the XIS-1818 320 kV which have been placed on the Version 5.0 Air Cargo Screening Qualified Technology List (ACSQTL) by the U.S. Transportation Security Administration (TSA).

To combat the continuous threat of terrorism, Astrophysics supplies

quality XIS systems with advanced features that provide the aviation and transport industry reliability and confidence in x-ray security.

Astrophysics product family presents the obvious and absolute choice for aviation and transport security; the most technologically advanced systems on the market, with the best lead times and competitive pricing.

All XIS systems are equipped with Astrophysics exclusive Real-Time Diagnostics and 6 Color Imaging as standard features. Real Time Diagnostics is a unique

feature which allows users to monitor extensive machine health, thus increasing the system lifespan. First introduced by Astrophysics, 6 Color Imaging enables operators to view screened objects in 6 colors, with each color correlating to a specific range of atomic Z-Numbers.

Astrophysics is headquartered in the U.S., but boasts multiple field offices worldwide for localized support. We also retain a dedicated Sales and Service Team committed to a personalized and timely response 24/7.

Applications:

- Airlines
- Airports
- Freight Forwarders
- Independent Air Carriers
- Transportation Companies
- Private Couriers



International Airport, Mexico




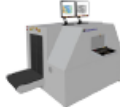



Customs Facility, Mexico


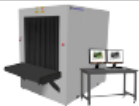




International Airport, Romania




Small Baggage / Parcel - (TSA Capacity A)

Model	Tunnel Dimensions (W x H)	System Dimensions (L x W x H)	Defining Characteristics
XIS-6040 	23.6" x 15.7" 600 x 400 mm	55.9" x 33.4" x 49.4" 1420 x 849 x 1255 mm	<ul style="list-style-type: none"> Immediate screening solution High-powered 160 kV generator
XIS-6545 	25.6" x 17.9" 651 x 454 mm	85.2" x 34.4" x 51.9" 2164 x 873 x 1316 mm	<ul style="list-style-type: none"> #1 selling system Ideal for small piece level cargo
XIS-6545DV 	25.6" x 17.9" 651 x 454 mm	83.9" x 41.9" x 50.8" 2130 x 1064 x 1290 mm	<ul style="list-style-type: none"> Dual-view technology 41 mm typical steel penetration
XIS-5878 	23.0" x 30.8" 584 x 781 mm	99.4" x 54.0" x 49.6" 2524 x 1371 x 1260 mm	<ul style="list-style-type: none"> Side-shooting generator Low conveyor belt
XIS-7858 	30.5" x 23.0" 775 x 583 mm	74.0" x 40.6" x 54.9" 1880 x 1030 x 1394 mm	<ul style="list-style-type: none"> Compact footprint for large tunnel size Largest system in small tunnel range

Large Baggage / Parcel - (TSA Capacity B)

Model	Tunnel Dimensions (W x H)	System Dimensions (L x W x H)	Defining Characteristics
XIS-1080 	40.0" x 32.0" 1016 x 814 mm	101.3" x 54.0" x 67.2" 2574 x 1372 x 1706 mm	<ul style="list-style-type: none"> Mid-sized cargo solution 39 mm typical steel penetration
XIS-100X 	40.0" x 39.9" 1016 x 1013 mm	109.3" x 54.0" x 75.6" 2775 x 1372 x 1919 mm	<ul style="list-style-type: none"> Ideal for oversized cargo Strong performance history
XIS-100XD 	39.8" x 39.8" 1010 x 1010 mm	93.2" x 50.2" x 72.2" 2367 x 1275 x 1909 mm	<ul style="list-style-type: none"> Down-shooting generator Low conveyor belt
XIS-100XDV 	40.0" x 40.0" 1016 x 1016 mm	123.2" x 68.4" x 76.7" 3129 x 1738 x 1948 mm	<ul style="list-style-type: none"> Dual-view technology Maximized inspection throughput

Pallet and Cargo - (TSA Capacity C)

Model	Tunnel Dimensions (W x H)	System Dimensions (L x W x H)	Defining Characteristics
XIS-1517 	59.2" x 67.0" 1504 x 1703 mm	263.9" x 102.0" x 88.9" 6702 x 2591 x 2257 mm	<ul style="list-style-type: none"> Ideal for air cargo pallets Easy loading and unloading of freight
XIS-1818 	71.0" x 71.1" 1803 x 1807 mm	263.9" x 130.9" x 90.7" 6702 x 3324 x 2305 mm	<ul style="list-style-type: none"> Premier heavy duty system Maximized inspection throughput
XIS-1818 320 kV 	71.0" x 71.1" 1803 x 1807 mm	384.0" x 130.0" x 91.0" 9754 x 3302 x 2311 mm	<ul style="list-style-type: none"> Advanced software technology 75 mm typical steel penetration