The new 927DX is a High Performance 1010mm by 1010mm tunnel dual view screening system with excellent image quality and excellent threat detection alert capabilities.

SPECTRUM 4-COLOR IMAGING

927DX now can exhibit images in the Classic 4-color and the new proprietary Spectrum 4-color (SP4) option providing superior image, allowing improved security by quick and accurate identification of threats and increase in throughput.

EXPLOSIVES AND NARCOTICS DETECTION

Target and NARCScan are designed to detect a wide range of explosives and narcotics respectively in real time during the scanning process by marking a potential threat on the X-ray image. Rapiscan® Systems detection algorithms are based on regulatory approved material analysis techniques.

DUAL MODE AUTO ZEFF

The new dual mode Zeff feature helps with identification of organic materials accurately and quickly either in Range mode which highlights the areas based on range selected by the operator, and/or in Interactive mode which provides the operator the option to display the areas based on the value of the pixel.

EUROPEAN AVIATION COMPLIANCE

PHYSICAL SPECIFICATIONS

DIMENSIONS
- L 3,855 mm (151.2 in)
- W 1,969 mm (77.5 in)
- H 2,020 mm (79.5 in)

TUNNEL SIZE
- W 1,010 mm (39.8 in)
- H 1,010 mm (39.8 in)

CONVEYOR HEIGHT
- 862 mm (33.9 in)

WEIGHT (NET)
- 1,717 Kg (3,785 lbs)

GROSS WEIGHT
- 2,156 Kg (4,753 lbs)

ENVIRONMENT & POWER

STORAGE TEMP
- -20°C to 50°C

OPERATING TEMP
- 0°C to 40°C

RELATIVE HUMIDITY
- 5 to 95% non-condensing

SYSTEM POWER
- 100/110/120/200/208 /220/230/240 VAC ±10%

X-RAY GENERATOR

ANODE VOLTAGE:
- 160kV

ORIENTATION
- Vertically Upward & Horizontal

KEY FEATURES AND OPTIONS
- Explosive threats, narcotics & density alerts
- Spectrum 4
- 17 Image processing functions
- SINERGY low density enhancement
- Dual Mode Z-effective
- CrystalClear™
- Automatic, Enhanced Image Archiving
- E.U. Approved Threat Image Projection
- Remote Status Monitoring
- Remote Archive Review
- Multi-System Alarm Resolution Network
- Multiplexing and Matrixing
- Tray Return System Compatible
- 13 Languages
- 64-bit Operating System

GOVERNMENT REGULATORY
- Regulation (EC) No. 300/2008 Compliant
- Regulation (EU) No. 185/2010 Compliant
- EU Commissions Decision C(2010) 774 Compliant
- U.K Department for Transport (DfT) TIP Approved

STANDARD SPEED PERFORMANCE

CONVEYOR SPEED
- 0.20 m/sec (39.4 ft/min)

POWER
- 1.3 kW

STEEL PENETRATION
- 39 mm typical,
- 38 mm standard

WIRE RESOLUTION
- 42 AWG typical,
- 41 AWG standard

SPATIAL RESOLUTION
- 0.8 mm (0.03 in)
  Vertical / Horizontal

HIGH SPEED PERFORMANCE

CONVEYOR SPEED
- 0.35 m/sec (68.9 ft/min)

POWER
- 1.3 kW

STEEL PENETRATION
- 39 mm typical,
- 38 mm standard

WIRE RESOLUTION
- 40 AWG typical,
- 38 AWG standard

SPATIAL RESOLUTION
- 0.8 mm (0.03 in)
  Vertical / Horizontal

HYPER SPEED PERFORMANCE

CONVEYOR SPEED
- 0.5 m/sec (98.4 ft/min)

POWER
- 1.3 kW

STEEL PENETRATION
- 39 mm typical,
- 38 mm standard

WIRE RESOLUTION
- 40 AWG typical,
- 38 AWG standard

SPATIAL RESOLUTION
- 0.8 mm (0.03 in)
  Vertical / Horizontal