



ORION 920CX RAPISCAN

BAGGAGE AND SMALL PARCEL INSPECTION
SYSTEM

- INDUSTRY BEST PENETRATION,
WIRE & SPATIAL RESOLUTION
- EXPLOSIVES & NARCOTICS DETECTION
- LOW DENSITY IMAGE ENHANCEMENT
- MATRIXING, NETWORKING & REMOTE
VIEWING

SPECTRUM 4-COLOR IMAGING

The 920CX can present images to the operator 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.

DUAL MODE Z_{EFF}

This feature aids the operator in quick identification of organic materials, either in Range Mode which highlights areas based on operator selected Z-effective values of 7, 8 or 9, or in Interactive Mode which gives the operator the option to display the Z-effective number of a selected pixel.



TUNNEL OPENING (W X H):
620 MM X 420MM

THE NEW 920CX IS A HIGH PERFORMANCE 620MM BY 420MM TUNNEL CHECKPOINT SCREENING SYSTEM WITH BEST IN CLASS IMAGE QUALITY AND EXCELLENT THREAT DETECTION ALERT CAPABILITIES.

EXPLOSIVES AND NARCOTICS DETECTION

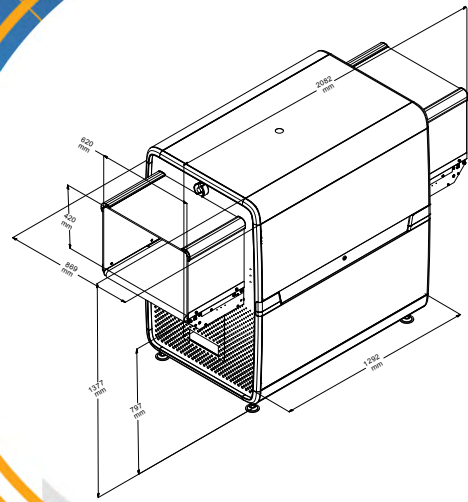
Target and NARCSan are designed to detect a wide range of explosives and narcotics respectively in real time during the scanning process by marking a potential threat on the X-ray image. Rapiscan® Systems detection algorithms are based on regulatory approved material analysis techniques.

EUROPEAN AVIATION COMPLIANCE

920CX performance is in full compliance with the mandatory regulations (EC) No. 300/2008, (EC) implementing regulation 1998/2015 and update 815/2017, EC implementing decision 8005/2015 and update 3030/2017 for aviation security in the European Union.



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PHYSICAL SPECIFICATIONS ¹

Dimensions	L : 2,082 mm
	W : 869 mm
	H : 1,377 mm
Tunnel size	W : 620 mm
	H : 420 mm
Conveyor height	797 mm
Weight	537 Kg

ENVIRONMENT & POWER

Storage temperature	-20°C to 50°C
Operating temperature	0°C to 40°C
Relative humidity	5 to 95% non-condensing
System power	100/110/120/200/208 /220/230/240 VAC 310%

PERFORMANCE ²

Conveyor speed ¹	0.20 m/sec (39.4 ft/min)
Conveyor load ¹	165 Kg
Steel penetration	44 mm typical
	42 mm standard
Wire resolution	44 AWG typical
	42 AWG standard
Spatial resolution	0.8 mm vertical & horizontal

HIGH SPEED OPTION

Conveyor speed ¹	0.35 m/sec (68.9 ft/min)
Steel penetration	35 mm typical
	34 mm standard
Wire resolution	40 AWG typical
	38 AWG standard
Spatial resolution	0.8 mm vertical & horizontal

X-RAY GENERATOR

Anode voltage	160kV
Orientation	Diagonally upward

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

1. Approximate Values

2. Stated performance as measured by Rapiscan® Imaging Validation Test Kit

HTDS

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