



ORION 927DX RAPISCAN

BAGGAGE AND SMALL PARCEL
INSPECTION SYSTEM

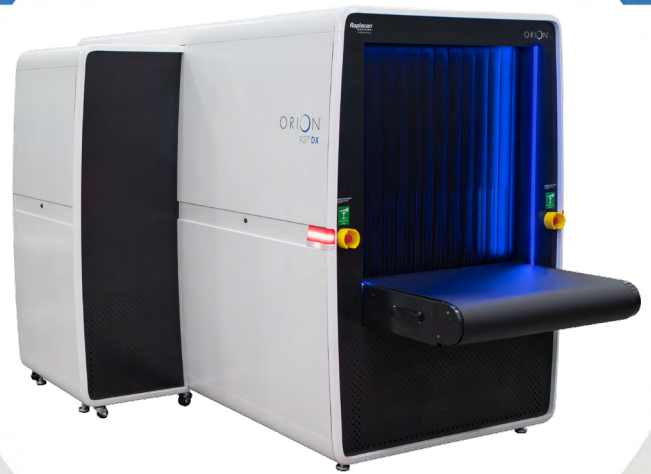
- ▶ EXCEPTIONAL IMAGE QUALITY
- ▶ EXPLOSIVES & NARCOTICS DETECTION
- ▶ LOW DENSITY IMAGE ENHANCEMENT
- ▶ MATRIXING, NETWORKING & REMOTE VIEWING

SPECTRUM 4-COLOR IMAGING

927DX 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}

The new dual mode Z_{EFF} 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.



TUNNEL OPENING (W X H):
1010 MM X 1010 MM

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.

EXPLOSIVES AND NARCOTICS DETECTION

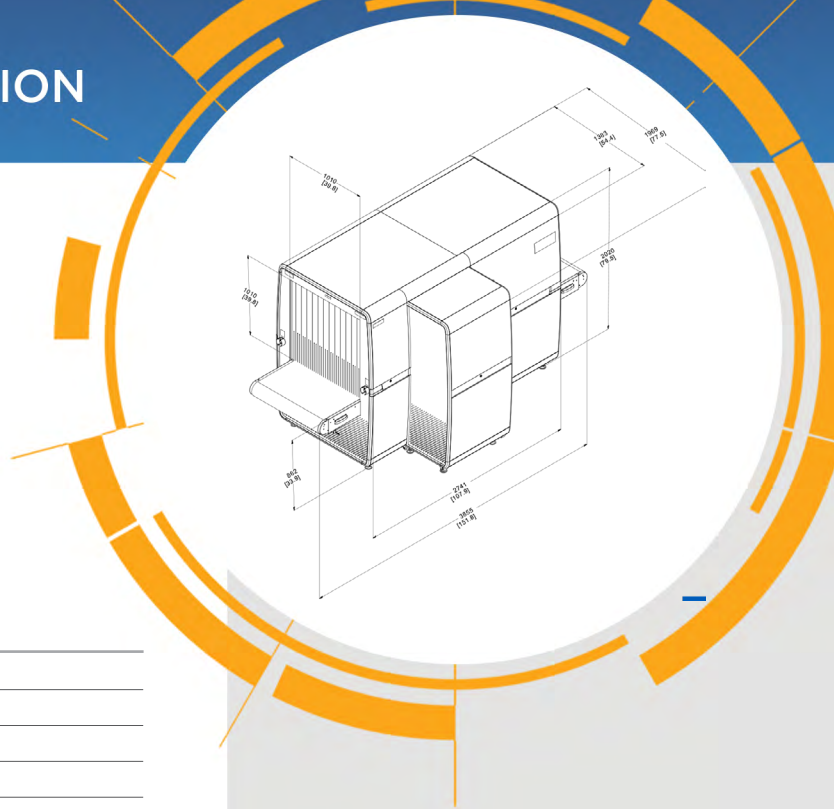
Target and NARCScan are designed to detect a wide range of explosives and narcotics respectively in real time during the scanning process by marking a potential threat on the X-ray image. Rapiscan® Systems detection algorithms are based on regulatory approved material analysis techniques.

EUROPEAN AVIATION COMPLIANCE

927DX 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 : 3855 mm |
| | W : 1969 mm |
| | H : 2020 mm |
| Tunnel size | W : 1010 mm |
| | H : 1010 mm |
| Conveyor height | 862 mm |
| Net weight | 1,717 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 ± 10% |

PERFORMANCE ²

| | |
|-----------------------------|------------------------------------|
| Conveyor speed ¹ | 0.20 m/sec |
| 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 vertical & horizontal |

HIGH SPEED PERFORMANCE ²

| | |
|-----------------------------|------------------------------------|
| Conveyor speed ¹ | 0.35 m/sec |
| Conveyor load ¹ | 1.3 kW |
| Steel penetration | 38 mm typical, 37 mm standard |
| Wire resolution | 40 AWG typical, 38 AWG standard |
| Spatial resolution | 0.8 mm vertical & horizontal |

X-RAY GENERATOR

| | |
|---------------|----------------------------------|
| Anode voltage | 160kV |
| Orientation | Vertically Upward and 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
- 13 Languages
- 64-bit Operating System

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

HTDS

Parc d'Activités du Moulin de Massy - 3 rue du Saule Trapu
BP246 - 91882 Massy Cedex France

Tel : +33 (0) 1 64 86 28 28 - Fax : +33 (0) 1 69 07 69 54 - info@htds.fr - www.htds.fr

HTDS Algeria : +213 232 384 01/02

HTDS Morocco : +212 222 749 59

HTDS Egypt : +202 229 053 06

HTDS Lybia : +218 91 69 50 70 8

HTDS Madagascar : +261 34 40 664 72

HTDS Tunisia : +216 70 836 961