



638DV RAPISCAN

DUAL VIEW, LOW CONVEYOR X-RAY SYSTEM FOR SCREENING ULD TYPE FREIGHT AND ISO STANDARD PALLETS.

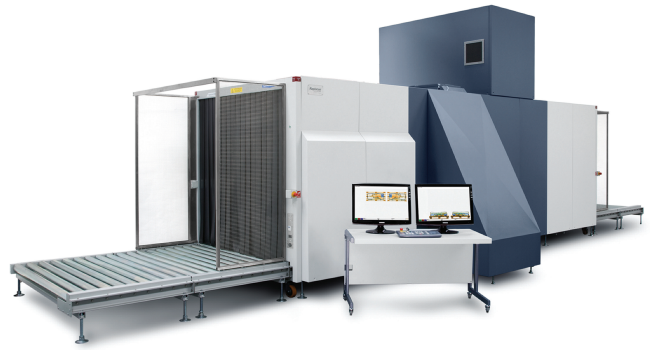
- EXPLOSIVES AND NARCOTICS DETECTION ALERT
- MATRIXING, NETWORKING AND REMOTE VIEWING
- MEETS ALL EUROPEAN COMMISSION AVIATION SCREENING REQUIREMENTS

STANDARD FEATURES

- Multi energy imaging (4 Color)
- View previous/next bag
- Image archive
- Configurable image processing keys
- Baggage counter
- Date / time display
- Search indicator
- UPS (Uninterrupted Power Supply)
- Multi language support
- Flat panel monitor

STANDARD IMAGE PROCESSING FUNCTIONS

- Crystal clear™
- Black and white
- Organic / inorganic stripping
- Inverse video
- High penetration
- Pseudo color
- Low penetration
- Variable edge enhancement
- Variable color stripping
- Variable gamma
- Variable density
- Dynamic continuous zoom & panning
- Fixed zoom (64x)



TUNEL OPENING (WXH) :
1,837 x 1,800 mm (72.3 x 70.9 in)

THE **RAPISCAN 638DV** IS AN ADVANCED DUAL-VIEW X-RAY SYSTEM FOR SCREENING ULD, ISO STANDARD, LOWER DECK AND LARGE CARGO PALLET TYPE FREIGHT. WITH A LARGE AND SPACIOUS TUNNEL SIZE OF 1,837 MM X 1,800 MM AND EXPLOSIVES AND NARCOTICS DETECTION ALERT FEATURE, THE RAPISCAN 638DV IS WIDELY USED FOR AIR CARGO SCREENING AND CUSTOMS APPLICATIONS WHERE THROUGHPUT IS MOST IMPORTANT.

DETECTION OF EXPLOSIVES AND NARCOTICS ALERT

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

EASE OF USE PROVIDING HIGHEST THROUGHPUT

With over 13 image processing tools and detection alert algorithms the feature rich software allows the operator to more easily and accurately search for contraband.

DUAL VIEW ADVANCED TECHNOLOGY

As mandated by US and EU regulators, the 638DV utilizes a dual-view technology which produces two simultaneous images (vertical and horizontal views) of the scanned object. It provides a more complete image, thereby reducing the need for repositioning and rescanning and enabling rapid, accurate and comprehensive threat detection.





638DV RAPISCAN

PHYSICAL SPECIFICATIONS

Dimensions:	Length: 10,620 mm (418.1 in.) Width: 3,116 mm (122.7 in.) Height: 3,481 mm (137.0 in.)
Tunnel size:	1,837 mm (72.3 in.) X 1,800 mm (70.9 in.)
Conveyor speed:	0.20 m/sec (39.4 ft./min)
Conveyor load (Max):	3,000 Kg (6,614 lbs) at 230V 1,500 Kg (3,307 lbs) at 115V
Conveyor height (Approx.):	345 mm (13.6 in.)
Weight (Approx.):	Net: 6,312 Kg (13,915 lbs)
System power:	115/230 VAC +- 10% / 60/50Hz

X-RAY GENERATOR AND IMAGE PERFORMANCE¹

Steel penetration:	50 mm typical; 45 mm standard
Resolution:	40 AWG typical; 38 AWG standard
Cooling:	Sealed oil bath with forced air
Anode voltage:	Operating at 200kV
Tube current:	1.0 mA
Orientation:	Vertically Downward and Horizontal

OPERATING ENVIRONMENT

Storage temperature:	-20°C to 50°C
Operating temperature:	0°C to 40°C
Relative humidity:	5 to 95% non-condensing

PROTECTION CLASS

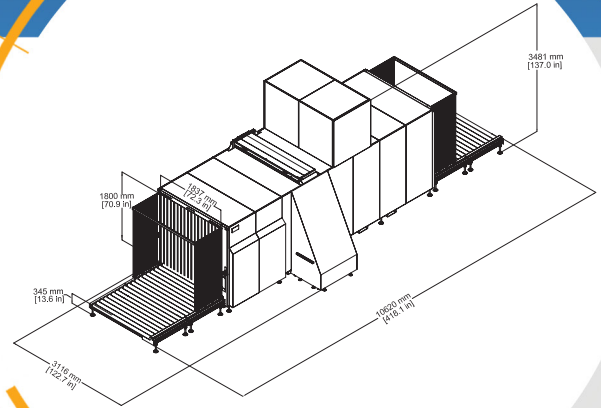
System:	IP20
Operator control panel:	IP43 ²

GOVERNMENT REGULATORY

TSA Air Cargo Screening Technology List (ACSTL) Qualified
 Transport Canada (TC) Air Cargo Qualified
 Regulation (EC) No. 300/2008 Compliant
 Regulation (EU) No. 2015/1998 Compliant
 EU Commissions Decision (EU) C(2015) 8005 Compliant
 French Civil Aviation Authority (STAC) Certified

HEALTH & SAFETY

Rapiscan Systems' cabinet X-ray products comply with all applicable U.S. FDA and equivalent international regulatory agency requirements, contained in the cabinet X-ray radiation safety performance standard [21 CFR 1020.40] and the general performance standard [21 CFR Part 1010] as well as IEC standard 61010-2-091. Rapiscan baggage and parcel inspection systems radiation emission leakages are well below the required regulatory limits with less than 1 µSv/hr at 10 cm from all surfaces of cabinet X-ray



OPTIONS AND ACCESSORIES

- Explosives detection alert (Target™)
- Narcotics detection alert (NARCScan™)
- Density threshold alert (DTA)
- Threat image projection (TIP)
- Threat image projection network (TIPNet)
- Remote image archive review (NETView™)
- Network x-ray management automation and link system (NEXLink™)
- Multi-system network display station (NDS)
- Automatic image archiving
- Enhanced image archiving
- Operator training program (OTP)
- Manual scan
- Foot mat
- Smartcard login
- Power conditioner
- Roller bed accessories
- Universal printer support

(1) Stated performance as measured by Rapiscan Imaging Validation Test Kit.
 (2) With optional replaceable cover.

With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice. Product pictures are for general reference. Please note that due to US laws and regulations, not all Rapiscan products are available for sale in all countries without restriction. Please contact your Rapiscan Systems sales representative for more information.

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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