



IMAGES ARE SUBJECT TO CHANGE

Powerful 3D Perspective™ Technology

The XR3D-10M, powered by BioSans™, is an easy to operate, single view mobile scanner unit mounted in a Mercedes Sprinter V6 4500 chassis to conduct on-the-go screening. It provides operators with extremely detailed, more revealing images, enhanced detection capabilities and a very low cost of ownership.

With a tunnel opening of 1064 mm wide by 1078 mm high (41.9" x 42.4"), the XR3D-10M is the ideal solution for a variety of usages such as critical infrastructures, transportation and border operations where screening of parcels, bags and mail on-the-go is required.

VOTI's scanners employ innovative 3D Perspective™ technology to deliver exceptional threat detection capabilities. Through an advanced intuitive touch screen interface, operators can manipulate and enhance scanned images in a variety of ways to better pinpoint and evaluate potential threats. The overall threat detection process is enhanced by a suite of software guided tools and features, including extended and configurable threat libraries.

Product Highlights

- 3D Perspective™ Dual Energy Imaging
- Icon-Driven GUI with LCD Touch Screen
- Threat Alert and Material Classification
- One-touch, Instant View Last Five Bags
- Dynamic Pseudo Density Layering
- Multilingual Operations
- Auto-Archiving
- Network-Ready

General Specifications (Scanner Only)

Dimensions:	Length (L): 1635 mm (64.4")
	Height (H): 1548 mm (60.9"), 1638mm (64.4") with baseplate
	Width (W): 1801 mm (70.9")
Tunnel size:	1014 mm x 1062 mm (39.9" by 41.8")
Max. object size:	1000 mm x 1000 mm (39.4" by 39.4")
Conveyor speed:	0.22 m/s (44'/min.) variable speed
Conveyor load:	200 kg (441 lbs) max. evenly distributed weight
Approx weight:	787 kg (1,735 lbs) excluding baseplate
System power:	120/240 VAC 10/5 A 50/60 Hz

X-ray Generator and Image Performance

Generator:	Single x-ray generator operating at 160 kV
Cooling:	Sealed oil bath
Orientation:	Diagonal from side
Duty cycle:	100%
Detectors:	Dual energy silicone photo diodes for color coding and material classification
Wire resolution:	Up to 38 AWG
Steel penetration:	Up to 31 mm

As measured on VOTI proprietary test piece.

Computer Specifications

Networking:	WiFi/Ethernet/LTE Options
Monitor:	24" colour LCD touch screen Resolution: 1920 x 1080

Operating Environment

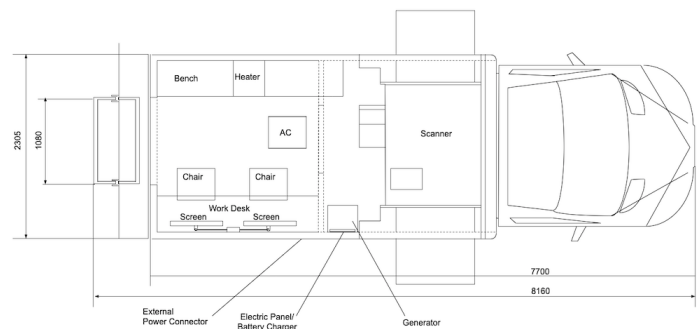
Storage temperature:	-20 to 60°C
Operating temperature:	+0 to 40°C
Relative humidity:	Up to 95% non-condensing

Truck Features

Built on Mercedes Sprinter V6 4500 chassis	Soft close wing style tunnel doors
Powered by diesel generator	Power grid connection
Air-conditioned & heated operator cabin	Smoke & CO2 detector
Cabin electrical/ USB charging outlets	Fire extinguishers
Hydraulic stabilization kit (optional)	Intercom system
CCTV surveillance system (optional)	Wired network ready

Health Canada Radiation Emitting Devices Act
Maximum x-ray leakage: meets all applicable laws and regulations with respect to x-ray emitting devices
Film safety: ISO 1600/33 DIN

Layout



Standard Features

- 3D Perspective™ dual energy imaging
- LCD touch screen
- Multilingual operations
- Remote technical support
- Secure USB port for external storage
- Auto-archiving (over 50,000 sessions)
- One-touch instant view of last 5 bags
- Cooling system included
- Vibration and shock control baseplate
- Fully automatic, software-driven tube seasoning
- Network ready
- Automatic built in test & self diagnosis
- Scanned object counter
- Archive management module
- Administration module
- Restricted secure access key
- Uninterruptible power supply (UPS)
- Power Conditioner
- 80 cm motorized entry and gravity exit roller tables
- 55 cm shrouds (collapsible)
- **VotiIMAGE™**
 - Image Edge Enhancement (IEE)
 - Black & white and inverse video
 - Variable contrast control
 - Digital zoom to 64x, pan and flip
 - Dynamic pseudo layering
- **VotiMAT™**
 - Z^{eff} color image
 - Organic / inorganic stripping
 - Z^{eff} based calculation
- **VotiDENS™**
 - Automatic High Density Alert (HDA)
 - HD and VHD enhancement

Applications & Options

- Digital picture of objects scanned
- Pressure sensitive mat
- Additional LCD touch screen
- **VotiALERT™**
 - Threat assessment management system with automatic threat alert and material classification
 - Inspection & Tagging Recommended (ITR)
 - Area of Interest Highlighting (AIH)
- **VotiRAM™**
 - Risk Assessment Management (RAM) module with customizable operation and detection parameters
 - 5 security Levels
- **VotiTIP™**
 - Threat Image Projection software
 - TIP management system software

These specifications are subject to change without notice.
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