

SMALL PARCEL & BAGGAGE X-RAY IMAGING SYSTEM

XRC 75-55DV



American Transportation Security Administration (TSA) ACSTL qualified XRC 75-55DV x-ray baggage scanner is manufactured with **dual view (DV)** technology. Thanks to its 2 generator sources, it provides high resolution and detailed imaging in horizontal and vertical view. The visuals can be accessed with a single scan without the need to re-place the packages in a different orientation. Thus, hidden objects in the luggage are detected more easily and quickly. It facilitates the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software. It enables easy identification of potentially threatening objects such as cutting tools, explosives narcotics and minimizes the error rate.

As a consequence of multi-diode structure and quality in imaging of scanned objects, image is colored based on density and shows organic, inorganic and mixed materials in different tones. Small handbags, packages parcels and cabin baggage are suitable for scanning. Institutions ensure that packages are inspected in places where inspection is required, such as airports checkpoints, airlines, international customs logistics, courts, police departments, shopping malls, prisons and hotels.

TECHNICAL DATA XRC 75-55DV

PHYSICAL PROPERTIES

Tunnel Size	: 755 mm x 555 mm
(W x H)	: 29,72 in x 21,85 in
Dimensions	: 2430 mm x 1500 mm x 1500 mm
(L x H x W)	: 95,67 in x 59,06 in x 59,06 in
Approx. Weight Unpacked	: ~860kg (1896 lbs.)
Conveyor Height	: 810 mm (31,89 in)
Conveyor Load Capacity	: 165 kg (364 lbs.) Evenly Distributed
System Power	: 110/220V AC ± 10% 50/60 Hz, 8A/4A
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 40 mm guaranteed; 42 mm typical
Wire Resolution ¹	: 38 AWG guaranteed; 40 AWG typical
Anode Voltage	: 170kV, operating at 160kV
Tube Current	: 0,8 mA
Beam Direction	: 1st Generator - Vertically upward 2nd Generator - Horizontally sideward
Article Separation	: Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic
Cooling	: Oil and forced air cooling

COMPUTER SPECIFICATIONS

Processor	: Intel® Core™ i5 (or superior)
Monitor	: Dual 21,5" Flat LCD (or superior)
Memory	: 4 GB RAM (or superior)
Video Card	: 2 GB (or superior)
Hard Drive	: 1 TB (or superior)
USB Port	: 6 port (or superior)
Operating System	: Linux

OPERATING ENVIRONMENT

Storage / Operating Temperature	: -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity	: 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required	

HEALTH AND SAFETY

All X-Ray Center Ltd products meet all applicable international health and safety regulations.
 US FDA Federal Standard 21CFR 1020.40
 Health and Safety at Work Act 1974-compliant 6 : Available
 Film Safety : ISO 1600 / 33 DIN
 CE Compliance : Certified
 FCC & IEC Compatibility : Available
 IP 20 Safety : Certified
 Maximum level of radiation the exterior panels come in contact with is 0.1 mR/hour

OPTIONAL FEATURES

Barcode Reader System
 External Camera Archiving
 Remote Viewing Station
 Recheck Station
 Network Supervisory System (NSS)
 Remote Access Connection
 Smart Card Login

OPTIONAL ACCESSORIES

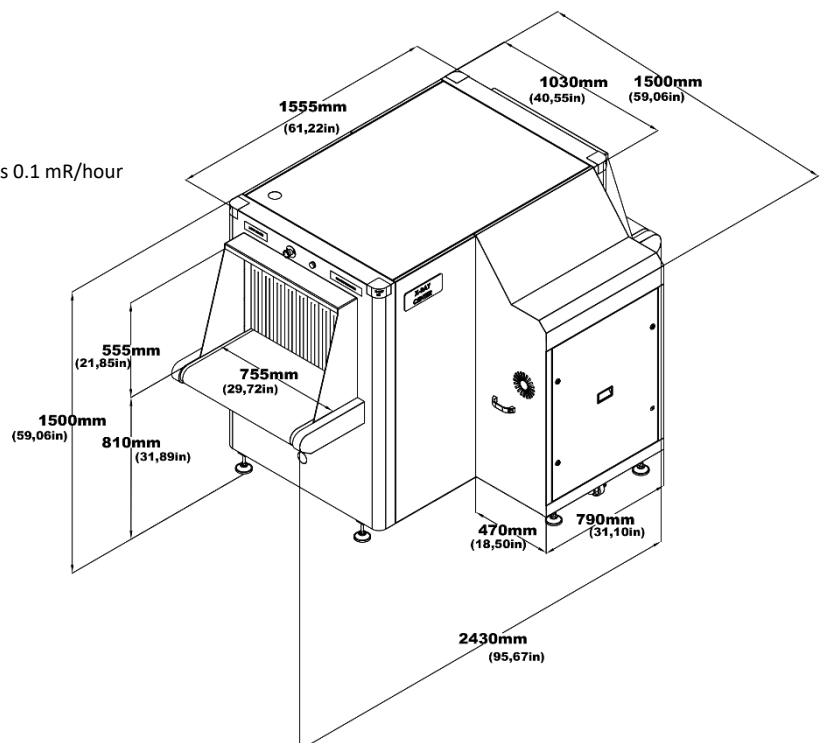
External UPS (For system)
 Operator Console (Open-Closed/Adjustable/I-stand)
 21,5"- 27" Flat Monitor
 Input / Output Rollers
 Test Kit (STP/ASTM)
 Protective Cover
 Search Table
 Tray Return System (Motorized/Gravity)
 Inclined Conveyor
 Ultrasonic Rat Repellent
 Radiation Meter

STANDARD IMAGE PROCESSING FEATURES

Perfect View (Detail Enhancement) (PV)
 Edge Enhancement (EE)
 Pseudo Color (PS)
 Organic Materials (OM)
 Inorganic Materials (IM)
 Black & White (B/W)
 Inverse Colors (IN)
 High Penetration (HP)
 Variable Edge Enhancement (+E -E)
 Variable Density (+D -D)
 Variable Gamma (+G -G)
 Variable Color Separation (+C -C)
 Zoom (64x)
 Sniper Zoom
 Recall Previous Images
 Manual/Automatic Archive
 Annotated Archive
 Multi Energy Viewer (4 - 6 Color)
 Atomic Number Display (Z Value)

STANDARD FEATURES

Programmable Function Keys
 Parcel Counter
 Date and Time Display
 Virtual Threat Image Projection (TIP)
 Organic/Inorganic Threat Alarm
 Operator Training Program (OTP)
 UPS (For Computer Supply)
 Multi Languages
 Self Diagnosis
 Generator Timer
 Automatic Stop Conveyor
 Bi-Directional Scanning
 Emergency Stop Buttons



¹As tested on X-Ray Center Ltd. test piece. Conveyor speed is 0.20 m/sec.

Due to continuous product development, X-Ray Center reserves the right to change specifications without notice.

