XRC 60-40DV
X-RAY CONTROL SYSTEM

PARCELS AND LUGGAGE

ECAC
LEDS Standard 2
& Standard 3 Type C
Approved

TSA
Approved

STAC
Approved

Professional multi-energy X-ray system for the control of **packages** and **parcels** and **baggage** of medium-small size in general; allows the identification of **organic and inorganic materials,** including **explosives** and **drugs** and the identification of **weapons**, **trigger devices** and dangerous objects that can create security risks.

The nature of the materials that make up the scanned objects is represented by a predetermined color code: **organic materials in orange**, **metallic materials in blue**, **inorganic materials in green** and **non-penetrable materials in black**.

The representation of the baggage is **without shadow areas,** and it is possible to automatically signal in real time (with a moving belt) the presence of **dangerous objects** (guns, knives, hacksaws, etc.) with a settable threshold.

Thanks to its liquid explosives recognition systems (LEDS), it has ECAC (European Civil Aviation Conference) and TSA (Transportation Safety Administration) certification.

XRC 60-40DV thanks to the Dual View technology with double Generator, provides high resolution and remarkably detailed images, as they are captured from horizontal and vertical perspectives.

PHYSICAL PROPERTIES

Tunnel Dimensions:	61 x 42 cm. (WxH)
Overall Size:	222 x 127 x 137 cm. (WxLxH)
Total Weight:	725 kg.
Conveyor Height:	81 cm.
Conveyor Load Capacity:	165 kg. Evenly Distributed
Conveyor Speed:	0,20 mt/sec.
System Power:	230VAC +/- 10% / 60-50 Hz

STANDARD FEATURES

Programmable Function Keys
Parcel Counter
Date and Time Display
Virtual Threat Image Projection (TIP)
Organic/Inorganic Threat Alarm
Operator Training Program (OTP)
Self Diagnosis
Generator Timer
Automatic Stop Conveyor

MAIN FIELDS OF APPLICATION

XRC 60-40DV is ideal for checking packages, parcels and small baggage no larger than cm. 61x42, in risk areas including:

- Palaces of Justice
- Penitentiary institutes
- Embassies and border crossings
- Government Offices
- Airports and embarkations in general

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X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration:	37 mm guaranteed; 39 mm typical
Wire Resolution:	38 AWG guaranteed; 40 AWG typical
Anode Voltage:	170kV, operating at 160kV
Tube Current:	1,0 mA
Beam Direction:	Generator 1: Vertically upward
	Generator 2: Horizontally to the side
Cooling:	Oil and forced air cooling

COMPUTER SPECIFICATIONS

Processor:	Intel Core i5 (or superior)
Monitor:	color 24" LED
Memory:	4GB RAM min.
Video Card:	2GB min.
Hard Drive:	1TB min.
USB Port:	6 ports min.
Operating System:	Linux

OPERATING ENVIRONMENT

Operating Temperature:	-20° > 50° C
Storage Temperature:	-20° > 50° C
Relative Umidity:	10% > 90% non condensing

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

HEALTH AND SAFETY

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All SecurSCAN X-Ray 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

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)

OPTIONAL FEATURES

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