

# XRC 60-40 X-RAY CONTROL SYSTEM

# PARCELS AND LUGGAGE



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.

# PHYSICAL PROPERTIES

Tunnel Dimensions:	61 x 44 cm. (WxH)
Overall Size:	208 x 87 x 137 cm. (WxLxH)
Total Weight:	540 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 60-40 is ideal for checking packages, parcels and small baggage no larger than cm. 61x44, in risk areas including:

- Palaces of Justice
- Penitentiary institutes
- Embassies and border crossings
- Government Offices

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#### **X-RAY GENERATOR & IMAGE PERFORMANCE**

Steel Penetration: Wire Resolution: Anode Voltage: Tube Current: Beam Direction: Cooling: 37 mm guaranteed; 39 mm typical 38 AWG guaranteed; 40 AWG typical 170kV, operating at 147kV 0,7 mA Vertically upward Oil and forced air cooling

## **COMPUTER SPECIFICATIONS**

Processor:	Ir
Monitor:	C
Memory:	4
Video Card:	2
Hard Drive:	1
USB Port:	6
Operating System:	Li

Intel Core i5 (or superior) color 24" LED 4GB RAM min. 2GB min. 1TB min. 6 ports min. 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 1974compliant 6: Available Film Safety: ISO 1600 / 33 DIN CE Compliance: Certified FCC & IEC Compatibility: Available IP 20 Safety: Certified

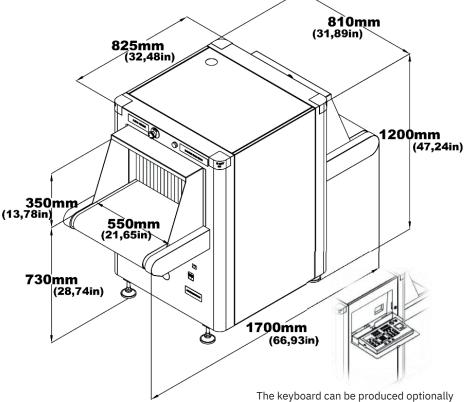
Maximum level of radiation the exterior panels come in contact with is 0.1 mR/ hour

## 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



as integrated into the device.