

SMALL PARCEL & BAGGAGE X-RAY IMAGING SYSTEM

XRC 50-30P



XRC 50-30P x-ray device facilitates the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software. It provides exceptional ease in detecting threats such as cutting tools, explosives narcotics and minimizes the error rate and offers unique image quality by showing the scanned organic, inorganic and mixed items in different colors thanks to its multi diode structure and quality in imaging of scanned objects.

It is a preferred model for locations with limited operating space and it is an efficient and a powerful device for scanning small handbags, packages parcels and cabin baggage in detail. It provides the ideal solution for locations where security screening is required like courts, police departments, offices, shopping malls, prisons and hotels.

TECHNICAL DATA XRC 50-30P

PHYSICAL PROPERTIES

Tunnel Size	: 530 mm x 330 mm
(W x H)	: 20,86 in x 12,99 in
Dimensions	: 1265 mm x 760 mm x 1150 mm
(L x W x H)	: 49,80 in x 29,92 in x 45,27 in
Approx. Weight Unpacked	: ~380 kg (838 lbs.)
Conveyor Height*	: 700 mm (27,55 in)
Conveyor Load Capacity	: 165 kg (364 lbs.) Evenly Distributed
System Power	: 110/220V AC $\pm$ 10% 50/60 Hz, 6A/3A
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 38 mm guaranteed; 39 mm typical
Wire Resolution ¹	: 38 AWG guaranteed; 40 AWG typical
Anode Voltage	: 170kV, operating at 147kV
Tube Current	: 0,7 mA
Beam Direction	: Vertically upward
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	: 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	

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
 Bi-Directional Scanning
 Automatic Stop Conveyor
 Emergency stop buttons

OPTIONAL FEATURES

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

HEALTH AND SAFETY

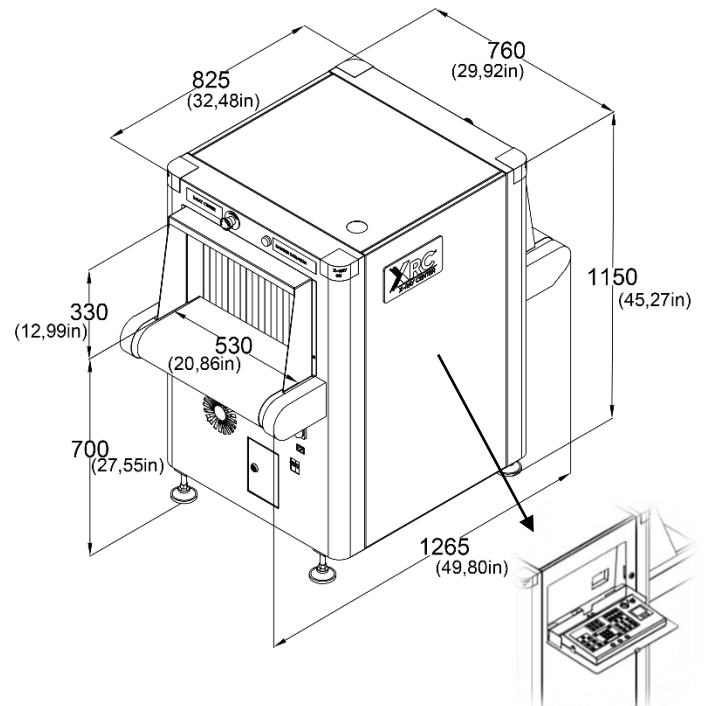
All X-Ray Center Ltd products meet all applicable international health and safety regulations.
 Safety Interlock Switches: To protect against radiation hazards In case of opening the sensitive lids of the machine, there are Safety Interlock Switches to prevent radiation leakage.
 Made of strong materials and durable to scratch and rust.
 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 (100,000 or superior)
 Manual/Automatic Archive (100,000 or superior)
 Annotated Archive
 Multi Energy Viewer (4 - 6 Color)
 Atomic Number Display (Z Value)

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



The keyboard can be produced optionally as integrated into the device.

¹As tested on X-Ray Center Ltd. test piece. Conveyor speed is 0.20 m/sec. *Level adjusting feet.
Due to continuous product development, X-Ray Center reserves the right to change specifications without notice.

