XRC
X–RAY CENTER

SMALL PARCEL & BAGGAGE
X-RAY IMAGING SYSTEM

XRC 65-45

The x-ray scanner designed with the latest technology system scans small handbags, packages parcels and cabin baggage in detail. **XRC 65-45** 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.

Thanks to its 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 and it is a preferred model for locations with limited operating space. Institutions ensure that packages are inspected in places where inspection is required, such as airports, customs border gates, police departments, offices, ministries, prisons, institutions, courts.

TECHNICAL DATA **XRC 65-45**

PHYSICAL PROPERTIES

Tunnel Size	: 650 mm x 460 mm
(W x H)	: 25,59 in x 18,11 in
Dimensions	: 2050 mm x 1300 mm x 895 mm
(L x H x W)	: 80,71 in x 51,18 in x 35,24 in
Approx. Weight Unpacked	: ~525 kg (1157 lbs.)
Conveyor Height	: 720mm (28,35 in)
Conveyor Load Capacity	: 165 kg (364 lbs.) Evenly Distributed
System Power	: 110/220V AC ± 10% 50/60 Hz, 5amp max.
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration [1]	: 37 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
Cooling	: Oil and forced air cooling

COMPUTER SPECIFICATIONS

Processor	: Intel® Core™ i5 (or superior)
Monitor	: 21,5" Flat (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	: 10% to 90% non-condensing

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

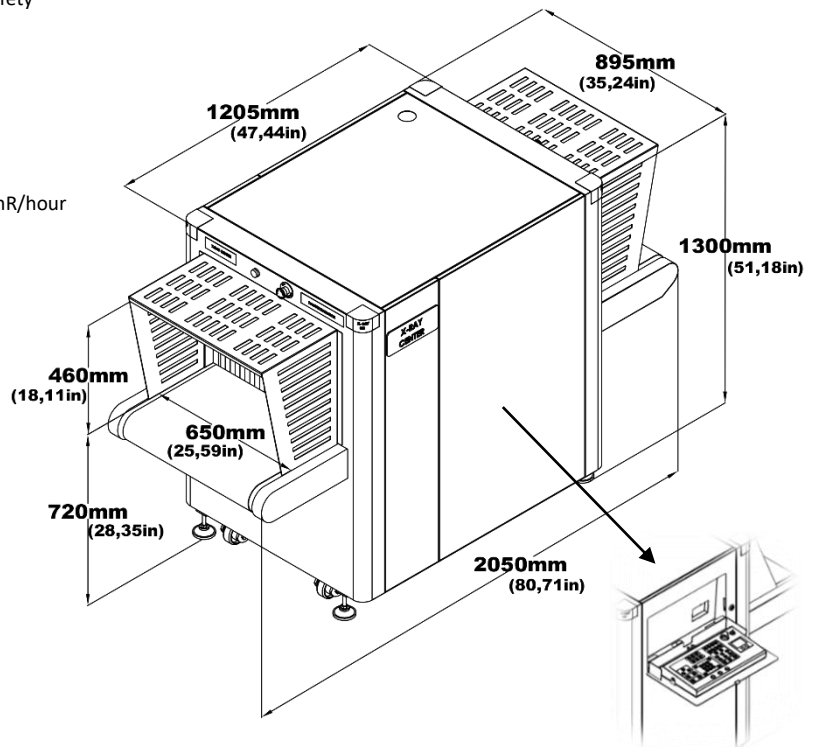External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5''- 27'' Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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

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

[1]As tested on X-Ray Center Ltd. test piece. Conveyor speed is 0.20 m/sec.
Products certified as TSA, ECAC and so on are available as an option. Please inquire from your dealer.
Due to continuous product development, X-Ray Center reserves the right to change specifications without notice.