



GENERAL CATALOG

2021



SMALL PARCEL & BAGGAGE X-RAY IMAGING SYSTEM

XRC 50-30SE



The **XRC 50-30SE** is one of the smallest tunnel sizes of the XRC baggage and parcel product range. It detects inorganic objects and provides an excellent image in an economical single energy (SE-Single Energy) diode array platform. It is a preferred model for locations with limited operating space.

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 courts, police departments, offices, shopping malls, prisons and hotels.

TECHNICAL DATA **XRC 50-30SE**

PHYSICAL PROPERTIES

Tunnel Size	: 550 mm x 350 mm
(W x H)	: 21,65 in x 13,78 in
Dimensions	: 1700 mm x 1200 mm x 810 mm
(L x H x W)	: 66,93 in x 47,24 in x 31,89 in
Approx. Weight Unpacked	: ~415 kg (915 lbs.)
Conveyor Height	: 730mm (28,74 in)
Conveyor Load Capacity	: 165 kg (364 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 10 mm guaranteed; 12 mm typical
Wire Resolution ¹	: 38 AWG guaranteed; 40 AWG typical
Anode Voltage	: 100kV, operating at 90kV
Tube Current	: 0,5 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

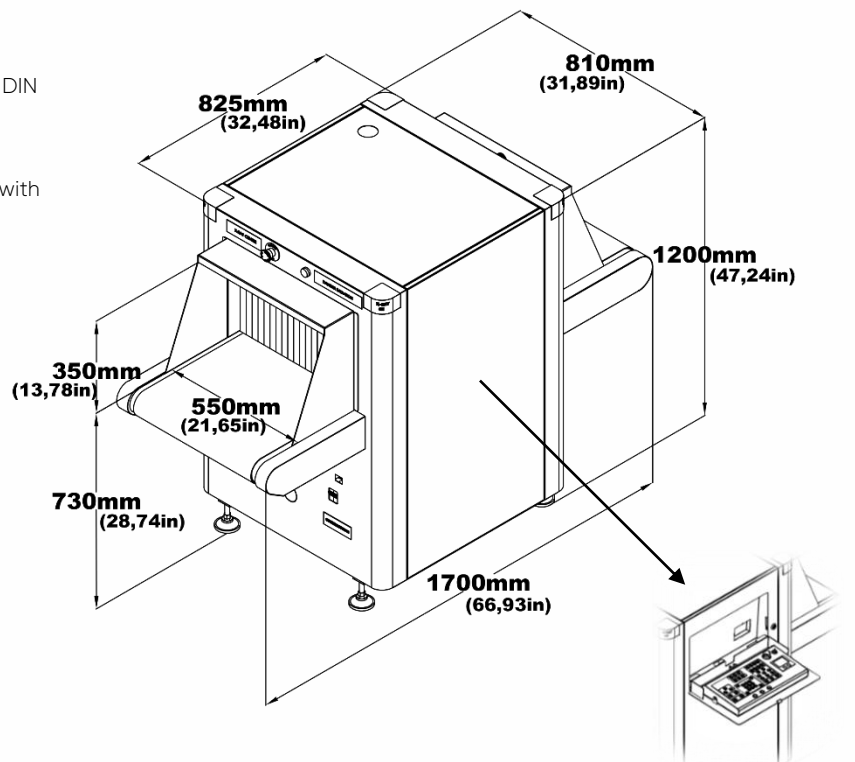
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

STANDARD IMAGE PROCESSING FEATURES

Perfect View (Detail Enhancement) (PV)
Edge Enhancement (EE)
Pseudo Color (PS)
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)
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.

¹As 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.



SMALL PARCEL & BAGGAGE
X-RAY IMAGING SYSTEM

XRC 50-30 (100kV)



With the help of 100kV generator power, this model x-ray baggage scanner facilitates the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software. XRC 50-30 enables easy identification of potentially threatening objects 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.

XRC 50-30 is a preferred model for locations with limited operating space. It is designed with the latest technology to scan small handbags, packages, parcels and cabin baggage in detail. It is an efficient and a powerful x-ray scanning device that allows inspection in courts, police departments, offices, shopping malls, prisons and hotels.

TECHNICAL DATA **XRC 50-30 (100kV)**

PHYSICAL PROPERTIES

Tunnel Size	: 550 mm x 350 mm
(W x H)	: 21,65 in x 13,78 in
Dimensions	: 1700 mm x 1200 mm x 810 mm
(L x H x W)	: 66,93 in x 47,24 in x 31,89 in
Approx. Weight Unpacked	: ~415 kg (915 lbs.)
Conveyor Height	: 730mm (28,74 in)
Conveyor Load Capacity	: 165 kg (364 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 10 mm guaranteed; 12 mm typical
Wire Resolution ¹	: 38 AWG guaranteed; 40 AWG typical
Anode Voltage	: 100kV, operating at 90kV
Tube Current	: 0,5 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

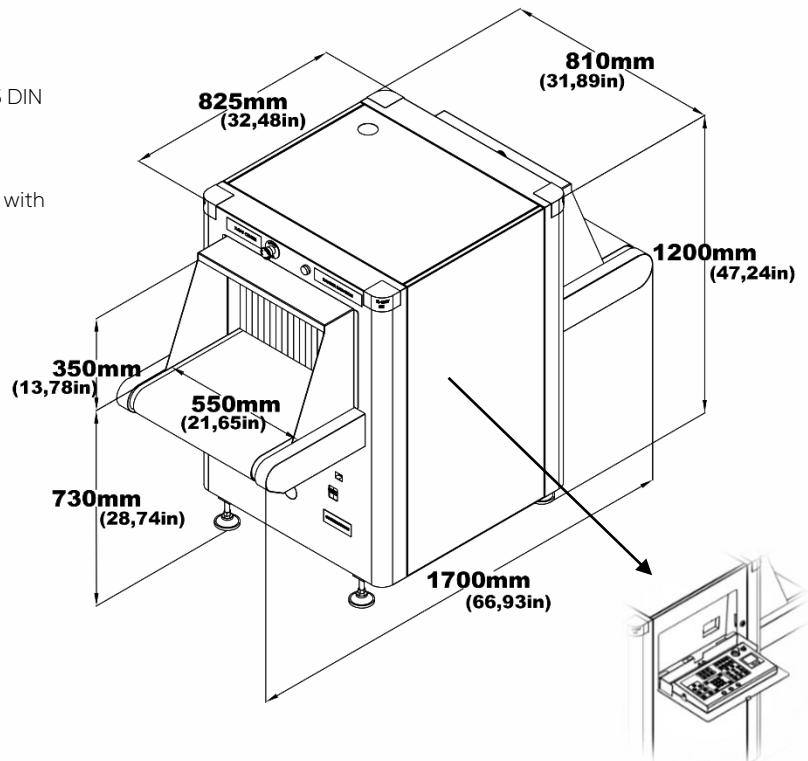
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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.

¹As 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.



SMALL PARCEL & BAGGAGE
X-RAY IMAGING SYSTEM

XRC 50-30 (170kV)



XRC 50-30 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 50-30 (170kV)**

PHYSICAL PROPERTIES

Tunnel Size	: 550 mm x 350 mm
(W x H)	: 21,65 in x 13,78 in
Dimensions	: 1700 mm x 1200 mm x 810 mm
(L x H x W)	: 66,93 in x 47,24 in x 31,89 in
Approx. Weight Unpacked	: ~415 kg (915 lbs.)
Conveyor Height	: 730mm (28,74 in)
Conveyor Load Capacity	: 165 kg (364 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
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

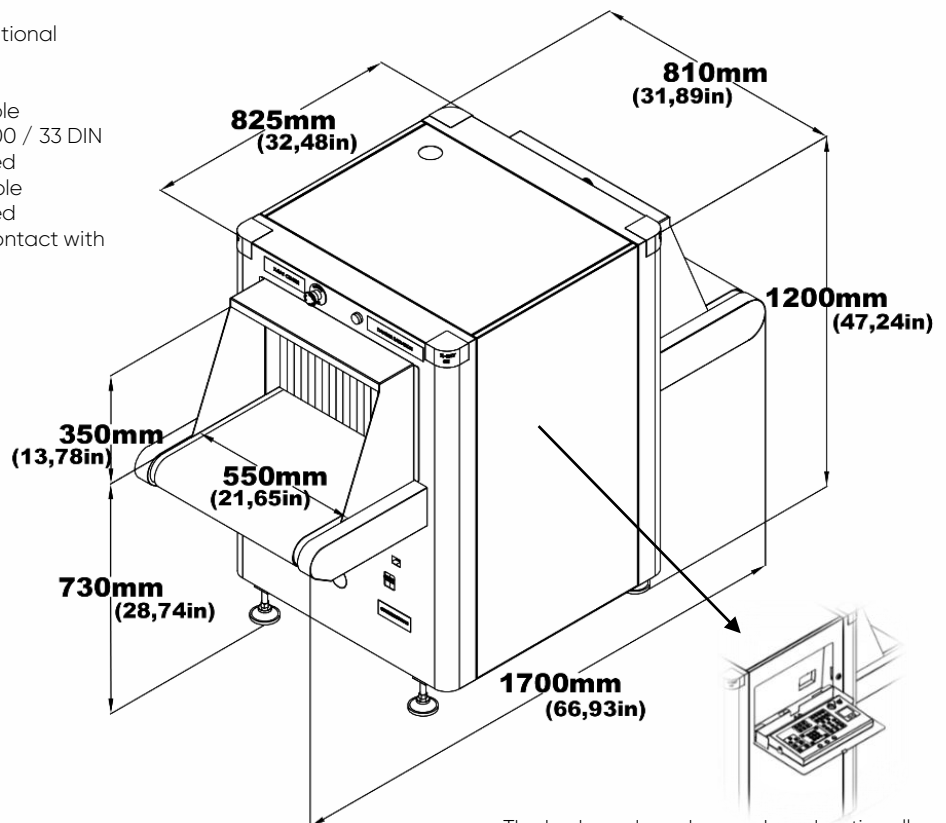
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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.

¹As 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.



SMALL PARCEL & BAGGAGE X-RAY IMAGING SYSTEM

XRC 60-40P



XRC 60-40P model x-ray baggage scanner's various image processing functions, hazard alarm, advanced computer technology and the best in class software features facilitates the operators usage. 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.

This x-ray machine 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. Courts, police departments, offices, shopping malls, prisons and hotels are its main areas of application.

TECHNICAL DATA **XRC 60-40P**

PHYSICAL PROPERTIES

Tunnel Size	: 610 mm x 420 mm
(W x H)	: 24,02 in x 16,54 in
Dimensions	: 1472 mm x 1270 mm x 870 mm
(L x H x W)	: 57,95 in x 50 in x 34,25 in
Approx. Weight Unpacked	: ~455 kg (1003 lbs.)
Conveyor Height	: 730 mm (28,74 in)
Conveyor Load Capacity	: 165 kg (364 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
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

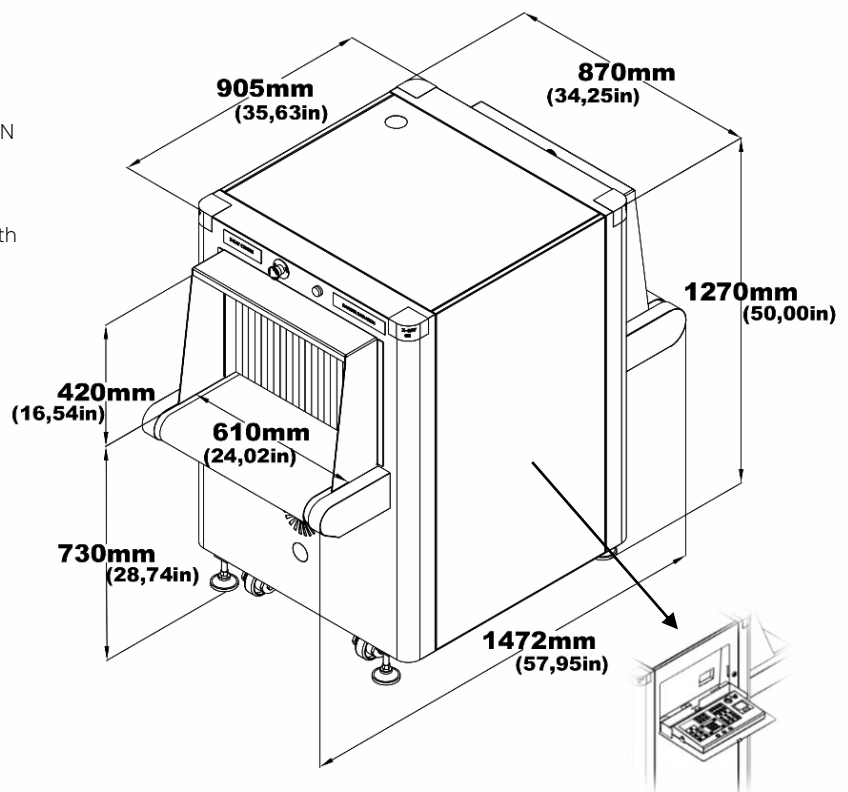
External UPS (For system)
 Operator Console (Open-Closed/Adjustable/I-stand)
 21,5" - 27" Flat Monitor
 Input / Output Rollers
 Test Kit (STP/ASTM)
 Protective Cover
 Search Table
 Tray Return System (Motorized/Gravity)
 Inclined Conveyor
 Ultrasonic Rat Repellent
 Radiation Meter

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.

¹As 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.



SMALL PARCEL & BAGGAGE X-RAY IMAGING SYSTEM

XRC 60-40



XRC 60-40 is one of the XRC brand's preferred x-ray devices in terms of its dimensions and functionalities. It facilitates the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software and it is a preferred model for locations with limited operating space. It provides exceptional ease in detecting threats such as cutting tools, explosives narcotics and minimizes the error rate. It provides 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.

X-ray security scanner is designed with the latest technology system to scan small handbags, packages parcels and cabin baggage in detail. Institutions ensure that packages are inspected in places where inspection is required, such as airports, customs border gates, police departments, ministries, prisons, institutions, courts.

TECHNICAL DATA **XRC 60-40**

PHYSICAL PROPERTIES

Tunnel Size	: 610 mm x 440 mm
(W x H)	: 24,02 in x 17,32 in
Dimensions	: 2080 mm x 1370 mm x 870 mm
(L x H x W)	: 81,89 in x 53,94 in x 34,25 in
Approx. Weight Unpacked	: ~540 kg (1190 lbs.)
Conveyor Height	: 810mm (31,89 in)
Conveyor Load Capacity	: 165 kg (364 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
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 160kV
Tube Current	: 1,0 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°F to 40°F (-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

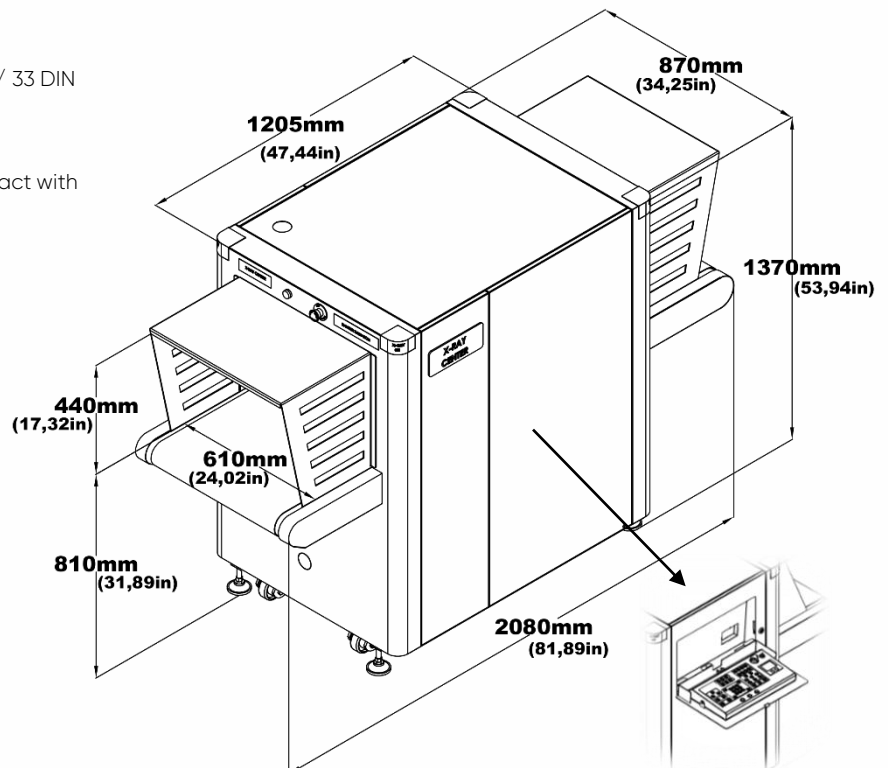
External UPS (For system)
 Operator Console (Open-Closed/Adjustable/I-stand)
 21,5" - 27" Flat Monitor
 Input / Output Rollers
 Test Kit (STP/ASTM)
 Protective Cover
 Search Table
 Tray Return System (Motorized/Gravity)
 Inclined Conveyor
 Ultrasonic Rat Repellent
 Radiation Meter

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.

¹As 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.



SMALL PARCEL & BAGGAGE X-RAY IMAGING SYSTEM

XRC 60-40DV



Quick and robust inspection is easily achieved with the XRC 60-40DV thanks to its **Liquid Explosive Detection Systems (LEDS) Standard 2 and Standard 3 Type C** issued by **European Civil Aviation Conference (ECAC)** and **American Transportation Safety Administration (TSA) ACSTL** certification. It facilitates the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software and enables easy identification of potentially threatening objects such as cutting tools, explosives narcotics and minimizes the error rate.

It is designed with **dual view (DV)** technology. Thanks to its 2 x-ray generator sources, it provides high resolution and detailed imaging in horizontal and vertical angles. The images 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. With the help of 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. Small handbags, packages parcels and cabin baggage are suitable for scanning and offers the ideal solution for locations where security screening is required like airports checkpoints, police departments, ministries, prisons, institutions, courts, airlines, international customs logistics.

TECHNICAL DATA **XRC 60-40DV**

PHYSICAL PROPERTIES

Tunnel Size	: 610 mm x 420 mm
(W x H)	: 24,02 in x 16,54 in
Dimensions	: 2220 mm x 1370 mm x 1270 mm
(L x H x W)	: 87,40 in x 53,94 in x 50 in
Approx. Weight Unpacked	: ~725kg (1598 lbs.)
Conveyor Height	: 810 mm (31,89 in)
Conveyor Load Capacity	: 165 kg (364 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. (+/- 20%) 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 160kV
Tube Current	: 1,0 mA
Beam Direction	1st Generator : Vertically upward 2nd Generator : Horizontally sideward
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	: Dual 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

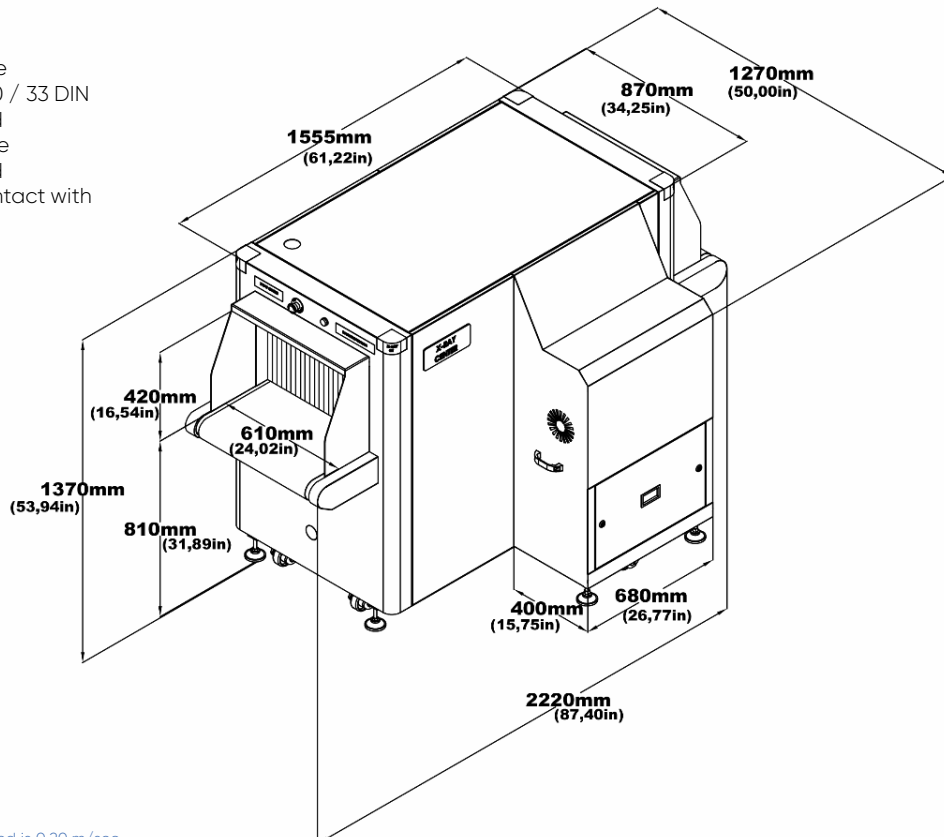
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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



¹As 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.



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 \pm 10% 50/60 Hz
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

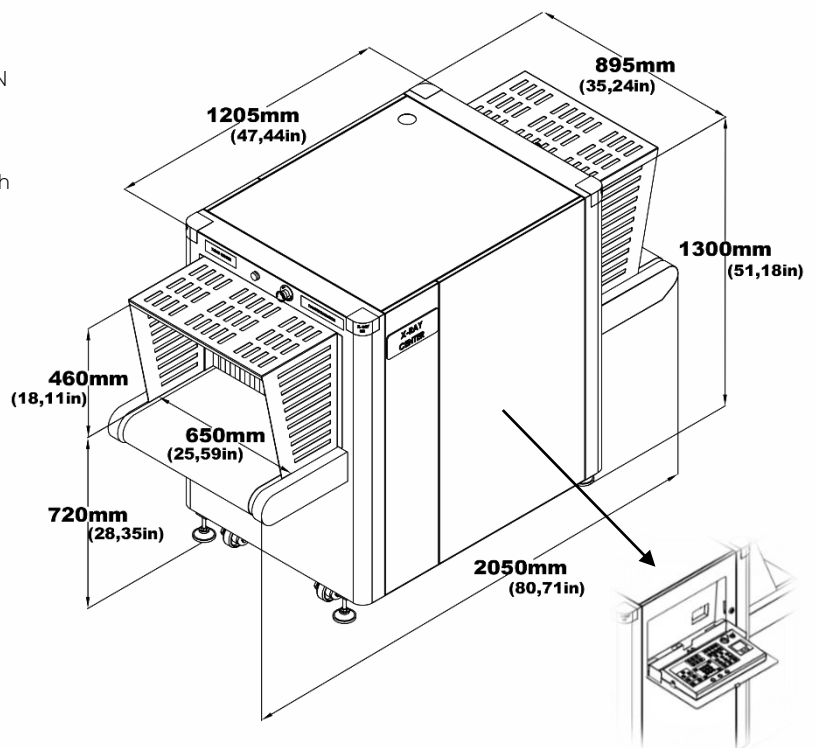
External UPS (For system)
 Operator Console (Open-Closed/Adjustable/I-stand)
 21,5"- 27" Flat Monitor
 Input / Output Rollers
 Test Kit (STP/ASTM)
 Protective Cover
 Search Table
 Tray Return System (Motorized/Gravity)
 Inclined Conveyor
 Ultrasonic Rat Repellent
 Radiation Meter

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.

¹As 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.



SMALL PARCEL & BAGGAGE X-RAY IMAGING SYSTEM

XRC 75-55



XRC 75-55 x-ray baggage scanner enables operators usage with the help of various image processing functions, hazard alarm, advanced computer technology and the best in class software. It makes it extraordinarily easy to detect threats such as cutting tools, explosive narcotics and reduces the rate of error.

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. It is designed with the latest technology system to scan small handbags, packages parcels and cabin baggage in detail. Courts, police departments, offices, shopping malls, prisons and hotels are its main areas of application.

TECHNICAL DATA **XRC 75-55**

PHYSICAL PROPERTIES

Tunnel Size	: 755 mm x 555 mm
(W x H)	: 29,72 in x 21,85 in
Dimensions	: 2180 mm x 1480 mm x 1030 mm
(L x H x W)	: 85,83 in x 58,27 in x 40,55 in
Approx. Weight Unpacked	: ~635 kg (1400 lbs.)
Conveyor Height	: 810mm (31,89 in)
Conveyor Load Capacity	: 165 kg (364 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
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 160kV
Tube Current	: 1,0 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

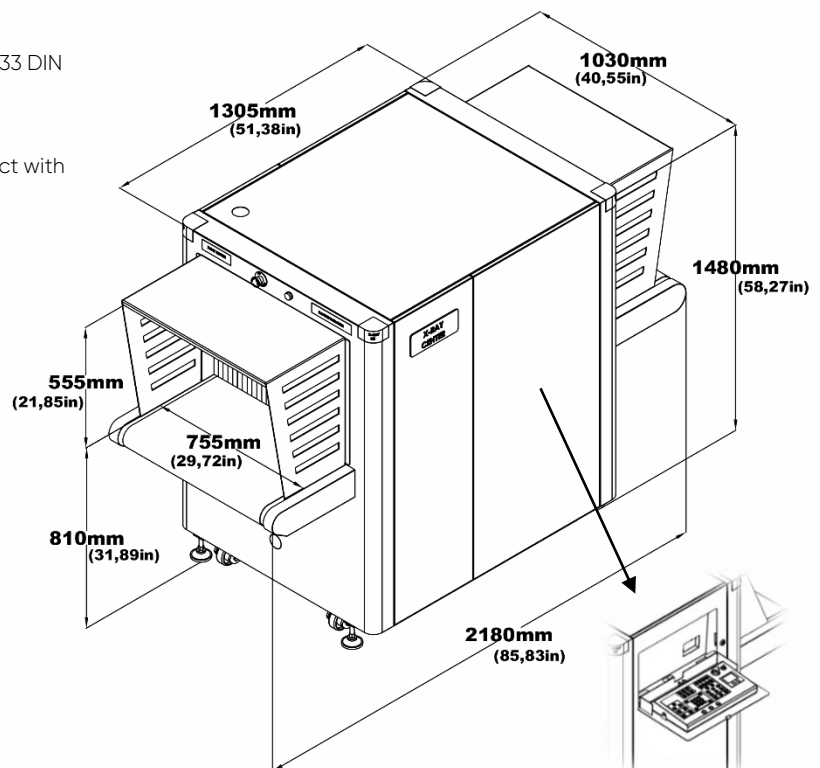
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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.

¹As 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.



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 \pm 10% 50/60 Hz
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 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
Cooling	: Oil and forced air cooling

COMPUTER SPECIFICATIONS

Processor	: Intel® Core™ i5 (or superior)
Monitor	: Dual 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

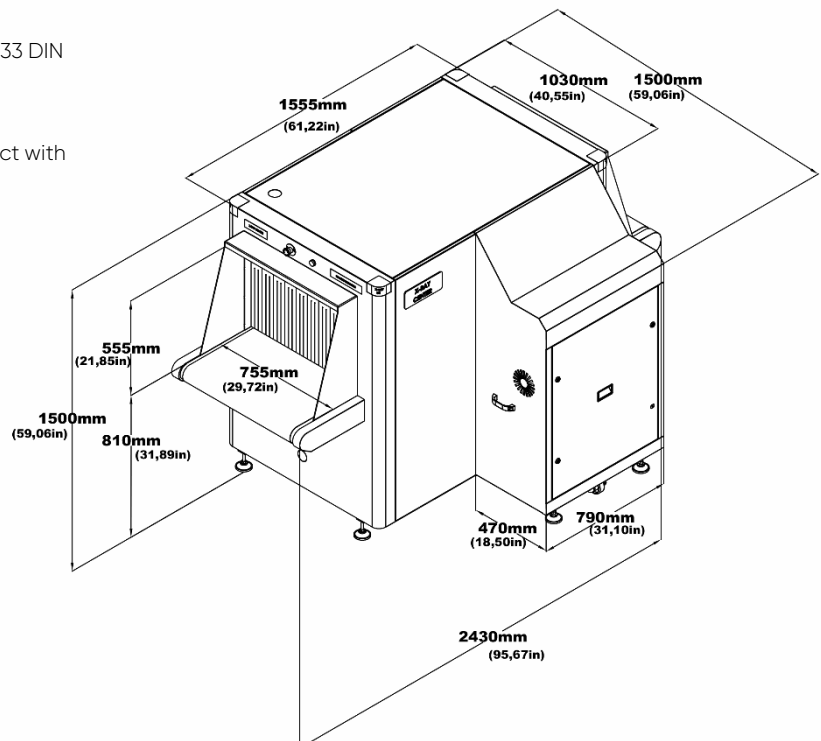
External UPS (For system)
 Operator Console (Open-Closed/Adjustable/I-stand)
 21,5" - 27" Flat Monitor
 Input / Output Rollers
 Test Kit (STP/ASTM)
 Protective Cover
 Search Table
 Tray Return System (Motorized/Gravity)
 Inclined Conveyor
 Ultrasonic Rat Repellent
 Radiation Meter

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



¹As 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.



SMALL PARCEL & BAGGAGE X-RAY IMAGING SYSTEM

XRC 65-85



On account of **low conveyor unit**, heavy loads can be easily and conveniently placed to this x-ray machine. **XRC 65-85** 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.

It provides unique image quality by showing the scanned organic, inorganic and mixed objects in different colors thanks to its multi-diode structure and quality in imaging of scanned objects. It is designed with the latest technology system to scan medium and large bags and packages.

It offers the ideal solution for locations where security screening is required like at high traffic checkpoints as city transportation (metro, ferry, train stations), customs border crossings, prisons, and courier depots, such as international logistics companies, goods acceptance points and etc.

TECHNICAL DATA **XRC 65-85**

PHYSICAL PROPERTIES

Tunnel Size	: 665 mm x 865 mm
(W x H)	: 26,18 in x 34,06 in
Dimensions	: 3090 mm x 1305 mm x 1475 mm
(L x H x W)	: 121,65 in x 51,38 in x 58,07 in
Approx. Weight Unpacked	: ~760 kg (1676 lbs.)
Conveyor Height	: 290 mm (11,42 in)
Conveyor Load Capacity	: 200 kg (441 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
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 160kV
Tube Current	: 1,0 mA
Beam Direction	: Horizontally sideward
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

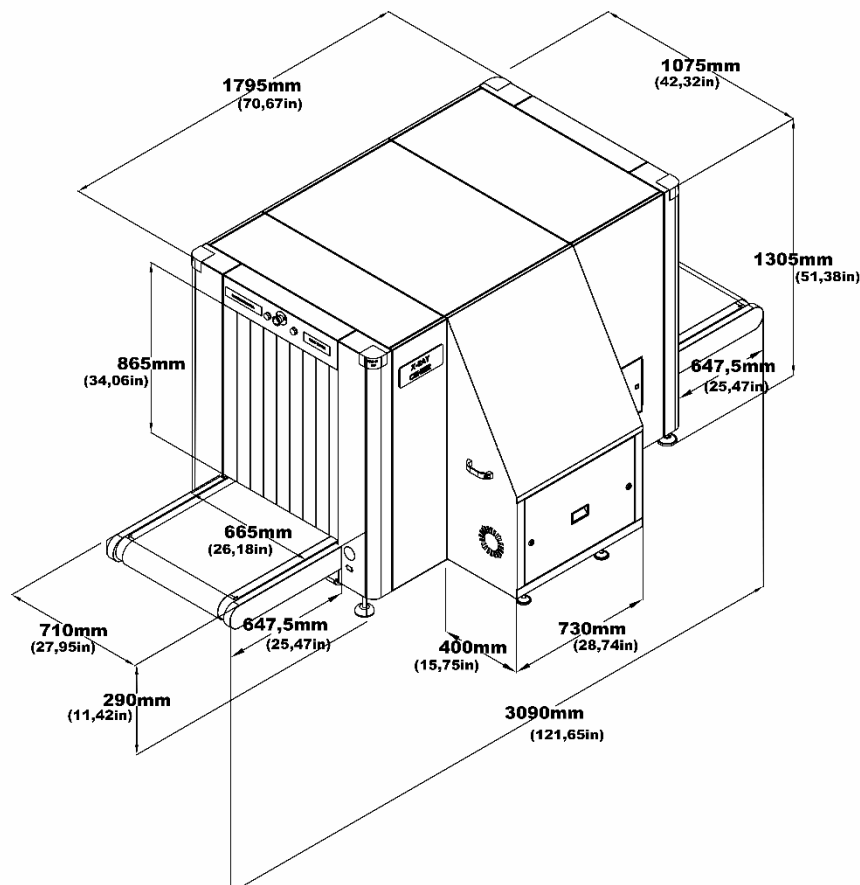
External UPS (For system)
 Operator Console (Open-Closed/Adjustable/I-stand)
 21,5" - 27" Flat Monitor
 Input / Output Rollers
 Test Kit (STP/ASTM)
 Protective Cover
 Search Table
 Tray Return System (Motorized/Gravity)
 Inclined Conveyor
 Ultrasonic Rat Repellent
 Radiation Meter

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



¹As 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.



LARGE PARCEL & FREIGHT X-RAY IMAGING SYSTEM

XRC 85-85



The **XRC 85-85** x-ray machine facilitates the placement of heavy objects into the device with the help of **low conveyor unit**. It simplified the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software. It makes it extraordinarily easy to scan threats such as cutting tools, explosive narcotics and reduces the rate of error.

It provides 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 designed with the latest technology system to scan medium and large bags and packages.

This model x-ray device offers the ideal solution for locations where security screening is required like at high traffic checkpoints as city transportation (metro, ferry, train stations), customs border crossings, prisons, and courier depots, such as international logistics companies, goods acceptance points and etc.

TECHNICAL DATA **XRC 85-85**

PHYSICAL PROPERTIES

Tunnel Size	: 865 mm x 865 mm
(W x H)	: 34,06 in x 34,06 in
Dimensions	: 3070 mm x 1730 mm x 1275 mm
(L x H x W)	: 120,87 in x 68,11 in x 50,20 in
Approx. Weight Unpacked	: ~1020 kg (2249 lbs.)
Conveyor Height	: 335mm (13,19 in)
Conveyor Load Capacity	: 200 kg (441 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
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	: 36 AWG guaranteed; 38 AWG typical
Anode Voltage	: 180kV, operating at 160kV
Tube Current	: 1,0 mA
Beam Direction	: Vertically downward
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

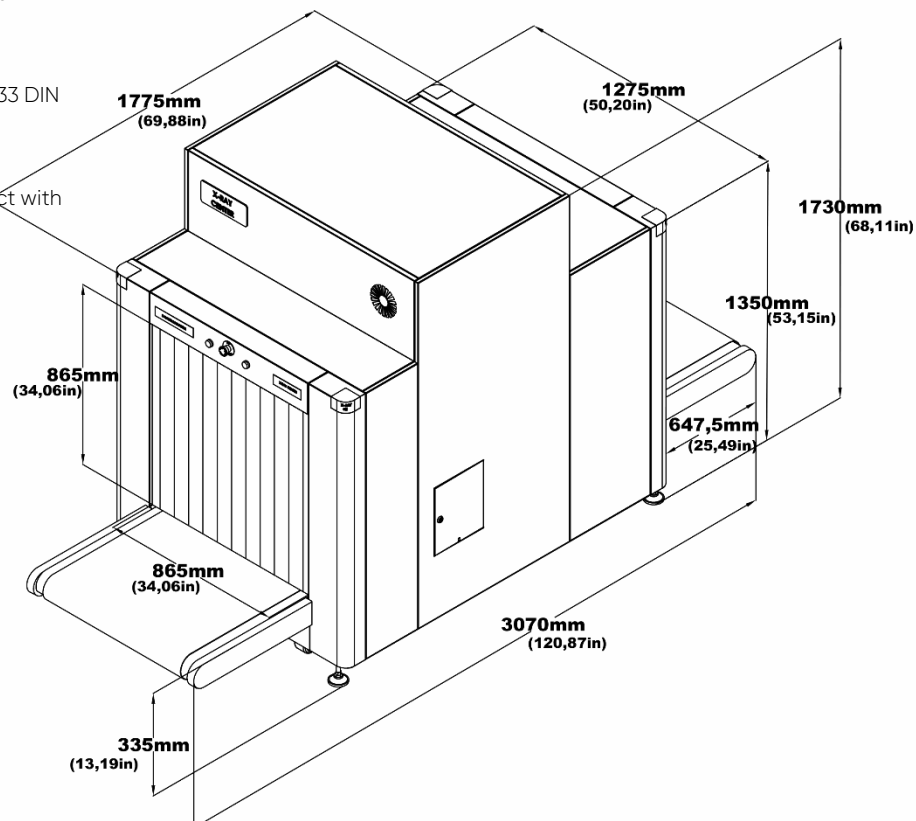
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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



¹As 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.



LARGE PARCEL & FREIGHT X-RAY IMAGING SYSTEM

XRC 90-75



The **XRC 90-75** x-ray machine, which has a low conveyor unit. Thanks to this unit, heavy loads can be easily and conveniently placed. It 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 object, image is colored based on density and shows organic, inorganic and mixed materials in different tones.

It is an efficient and a powerful x-ray scanning device that allows inspection in at high traffic checkpoints as city transportation (metro, ferry, train stations), customs border crossings, prisons, and courier depots, like international logistics companies, goods acceptance points and etc. for scanning of medium and large bags and packages in detail.

TECHNICAL DATA **XRC 90-75**

PHYSICAL PROPERTIES

Tunnel Size	: 915 mm x 765mm
(W x H)	: 36,02 in x 30,12 in
Dimensions	: 2890 mm x 1630 mm x 1325 mm
(L x H x W)	: 113,78 in x 64,17 in x 52,17 in
Approx. Weight Unpacked	: ~840 kg (1852 lbs.)
Conveyor Height	: 335 mm (13,19 in)
Conveyor Load Capacity	: 200 kg (441 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 35 mm guaranteed; 37 mm typical
Wire Resolution ¹	: 36 AWG guaranteed; 38 AWG typical
Anode Voltage	: 180kV, operating at 160kV
Tube Current	: 1,0 mA
Beam Direction	: Vertically downward
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

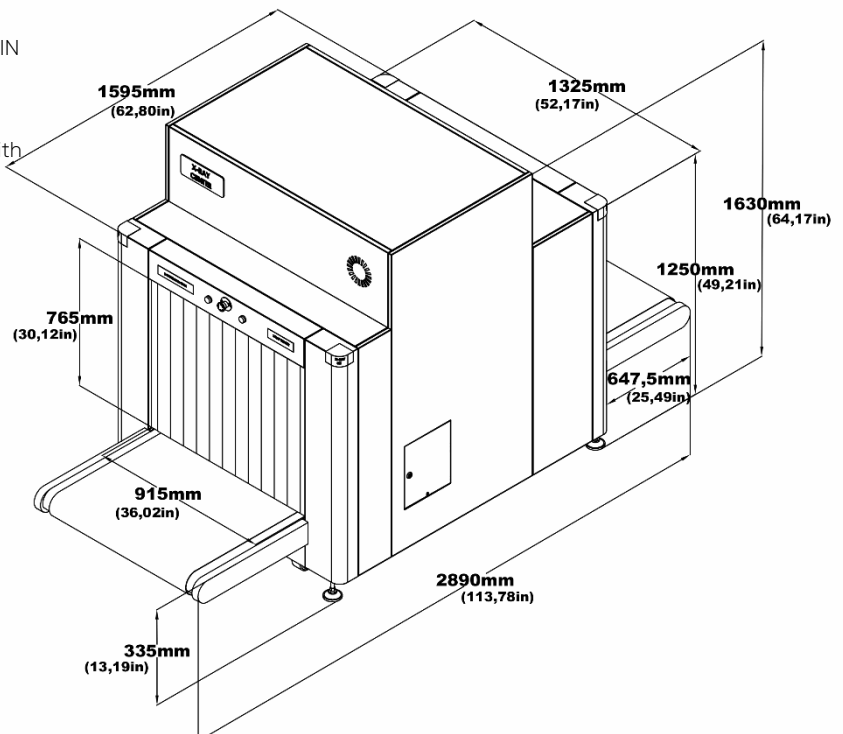
External UPS (For system)
 Operator Console (Open-Closed/Adjustable/I-stand)
 21,5" - 27" Flat Monitor
 Input / Output Rollers
 Test Kit (STP/ASTM)
 Protective Cover
 Search Table
 Tray Return System (Motorized/Gravity)
 Inclined Conveyor
 Ultrasonic Rat Repellent
 Radiation Meter

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



¹As 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.



LARGE PARCEL & FREIGHT X-RAY IMAGING SYSTEM

XRC 100-100



This x-ray baggage scanner 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. **XRC 100-100** 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 which is designed with the latest technology system to scan medium and large bags and packages.

Institutions ensure that packages are inspected in places where inspection is required, such as high traffic checkpoints, city transportation (metro, ferry, train stations), customs border crossings, prisons, and courier depots like international logistics companies, goods acceptance points and etc.

TECHNICAL DATA **XRC 100-100**

PHYSICAL PROPERTIES

Tunnel Size	: 1000 mm x 1000 mm
(W x H)	: 39,37 in x 39,37 in
Dimensions	: 3550 mm x 1930 mm x 1410 mm
(L x H x W)	: 139,76 in x 75,98 in x 55,51 in
Approx. Weight Unpacked	: ~1165 kg (2568 lbs.)
Conveyor Height	: 790 mm (31,10 in)
Conveyor Load Capacity	: 200 kg (441 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
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	: 180kV, operating at 160kV
Tube Current	: 1,0 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

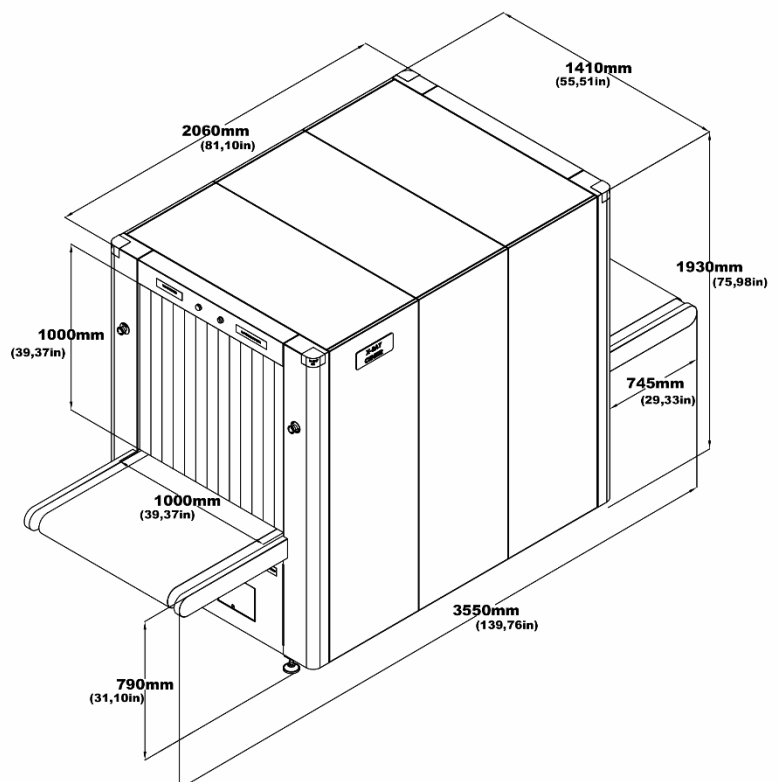
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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



¹As 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.



LARGE PARCEL & FREIGHT X-RAY IMAGING SYSTEM

XRC 100-100LC



European Civil Aviation Technical Service (STAC) certified x-ray device has low conveyor unit which facilitates the placement of heavy objects into the device. It simplifies the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software. It makes it extraordinarily easy to scan threats such as cutting tools, explosive narcotics and reduces the rate of error.

It provides unique image quality by showing the scanned organic, inorganic and mixed objects in different colors thanks to its multi-diode structure and quality in imaging of scanned objects. It is an efficient and a powerful device for scanning medium and large bags and packages in detail.

Institutions ensure that packages are inspected in places where inspection is required, such as high traffic checkpoints, city transportation (metro, ferry, train stations), customs border crossings, prisons, and courier depots, like international logistics companies, goods acceptance points and etc.

TECHNICAL DATA **XRC 100-100LC**

PHYSICAL PROPERTIES

Tunnel Size	: 1000 mm x 1000 mm
(W x H)	: 39,37 in x 39,37 in
Dimensions	: 3340 mm x 1865 mm x 1410 mm
(L x H x W)	: 131,50 in x 73,43 in x 55,51 in
Approx. Weight Unpacked	: ~1020 kg (2249 lbs.)
Conveyor Height	: 335 mm (13,19 in)
Conveyor Load Capacity	: 200 kg (441 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 35 mm guaranteed; 37 mm typical
Wire Resolution ¹	: 36 AWG guaranteed; 38 AWG typical
Anode Voltage	: 180kV, operating at 165kV
Tube Current	: 1,0 mA
Beam Direction	: Vertically downward
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

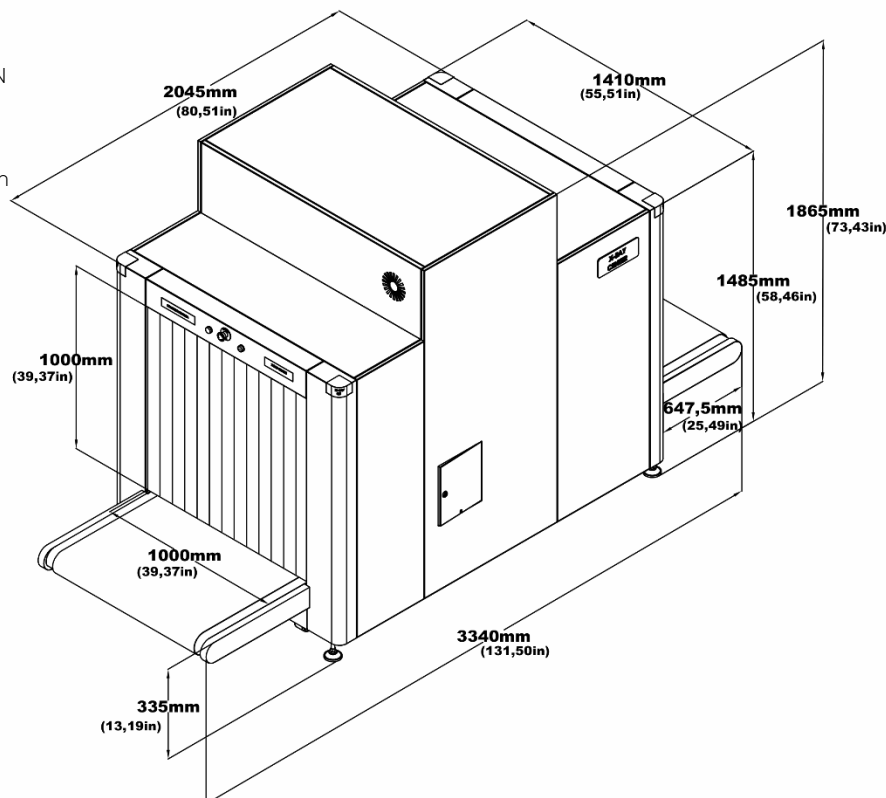
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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



¹As 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.



LARGE PARCEL & FREIGHT X-RAY IMAGING SYSTEM

XRC 100-100DV



American Transportation Security Administration (TSA) ACSTL and European Civil Aviation Technical Service (STAC) certified XRC 100-100DV x-ray baggage scanner 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. Thanks to its multi-diode structure and quality in imaging of scanned materials, image is colored based on density and shows organic, inorganic and mixed materials in different tones.

It is designed with **dual view (DV)** technology. Thanks to its 2 x-ray generator sources, it provides high resolution and detailed imaging in horizontal and vertical angles. The images can be accessed with a single scan without the need to replace the packages in a different orientation. Thus, hidden objects in the luggage are detected more easily and quickly.

It is an efficient and a powerful device for scanning medium and large bags and packages in detail. The x-ray security machine provides the ideal solution for locations where security screening is required like at high traffic checkpoints as city transportation (metro, ferry, train stations), customs border crossings, prisons, and courier depots, like international logistics companies, goods acceptance points and etc.

TECHNICAL DATA **XRC 100-100DV**

PHYSICAL PROPERTIES

Tunnel Size	: 1000 mm x 1000 mm
(W x H)	: 39,37 in x 39,37 in
Dimensions	: 3650 mm x 1865 mm x 1810 mm
(L x H x W)	: 143,70 in x 73,43 in x 71,26 in
Approx. Weight Unpacked	: ~1340 kg (2954 lbs.)
Conveyor Height	: 335 mm (13,19 in)
Conveyor Load Capacity	: 200 kg (441 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 36 mm guaranteed; 39 mm typical
Wire Resolution ¹	: 38 AWG guaranteed; 40 AWG typical
Anode Voltage	: 180kV, operating at 165kV
Tube Current	: 1,0 mA
Beam Direction	1st Generator : Vertically downward 2nd Generator : Horizontally sideward
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	: Dual 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

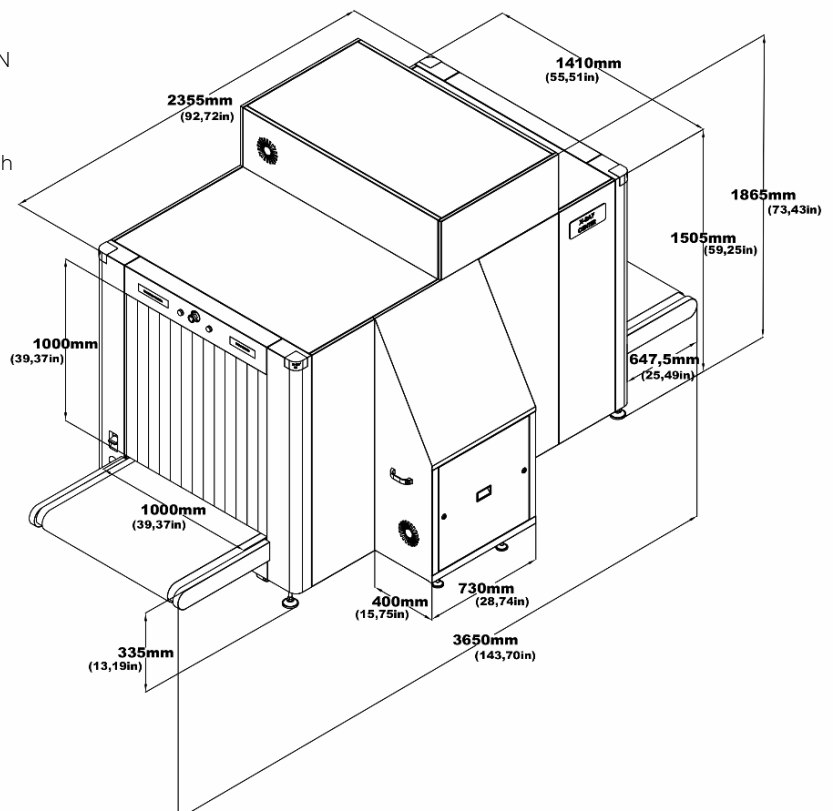
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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



¹As 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.



LARGE PARCEL & FREIGHT X-RAY IMAGING SYSTEM

XRC 100-100HCDV



XRC 100-100HCDV x-ray baggage scanner has **high conveyor unit** and **dual view system** together. The machine itself 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. With the help of 2 generator sources, it provides high resolution and detailed imaging in horizontal and vertical angles. The images 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 is designed with the latest technology to scan medium and large bags and packages.

Post offices high traffic checkpoints as city transportation (metro, ferry, train stations), customs border crossings, prisons, and courier depots, like international logistics companies, goods acceptance points and etc. are its main areas of application.

TECHNICAL DATA **XRC 100-100HCDV**

PHYSICAL PROPERTIES

Tunnel Size	: 1000 mm x 1000 mm
(W x H)	: 39,37 in x 39,37 in
Dimensions	: 3905 mm x 1925 mm x 1830 mm
(L x H x W)	: 153,74 in x 75,79 in x 72,05 in
Approx. Weight Unpacked	: ~1420 kg (3131 lbs.)
Conveyor Height	: 750 mm (29,53 in)
Conveyor Load Capacity	: 200 kg (441 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
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	: 180kV, operating at 160kV
Tube Current	: 1,0 mA
Beam Direction	1st Generator : Vertically upward 2nd Generator : Horizontally sideward
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	: Dual 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

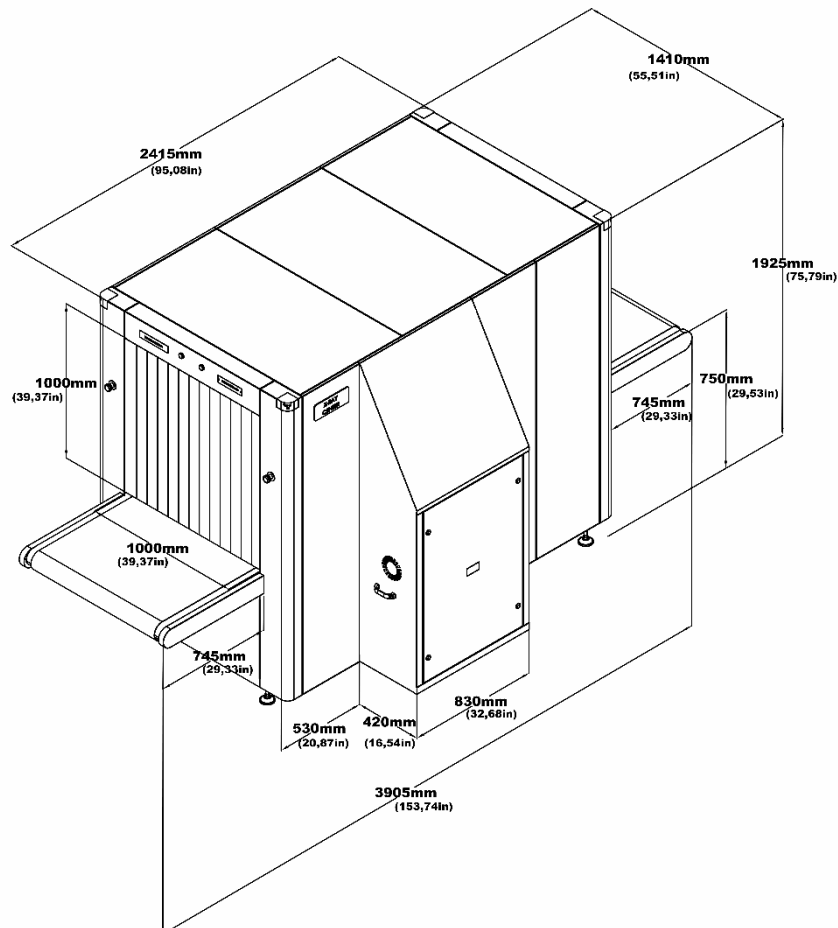
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5"- 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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



¹As 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.



PALLET & CARGO X-RAY IMAGING SYSTEM

XRC 150-165 (200KV)



XRC 150-165 provides excellent performance thanks to its **200kV** generator. It 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 materials, image is colored based on density and shows organic, inorganic and mixed materials in different tones.

It is designed with the latest technology to scan medium and large packages on a pallet. This x-ray machine is one of the most suitable solutions for use in high security facilities such as freight companies, terminals, airports, customs and general cargo.

TECHNICAL DATA **XRC 150-165 (200KV)**

PHYSICAL PROPERTIES

Tunnel Size	: 1530 mm x 1655 mm
(W x H)	: 60,24 in x 65,16 in
Dimensions	: 6445 mm x 2145 mm x 2440 mm
(L x H x W)	: 253,74 in x 84,45 in x 96,06 in
Approx. Weight Unpacked	: ~2450 kg (5401 lbs.)
Conveyor Height	: 295 mm (11,61 in)
Conveyor Load Capacity	: 3000 kg (6614 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 50 mm guaranteed; 52 mm typical
Wire Resolution ¹	: 36 AWG guaranteed; 38 AWG typical
Anode Voltage	: 200kV, operating at 200kV
Tube Current	: 1,2 mA
Beam Direction	: Horizontally Sideward
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

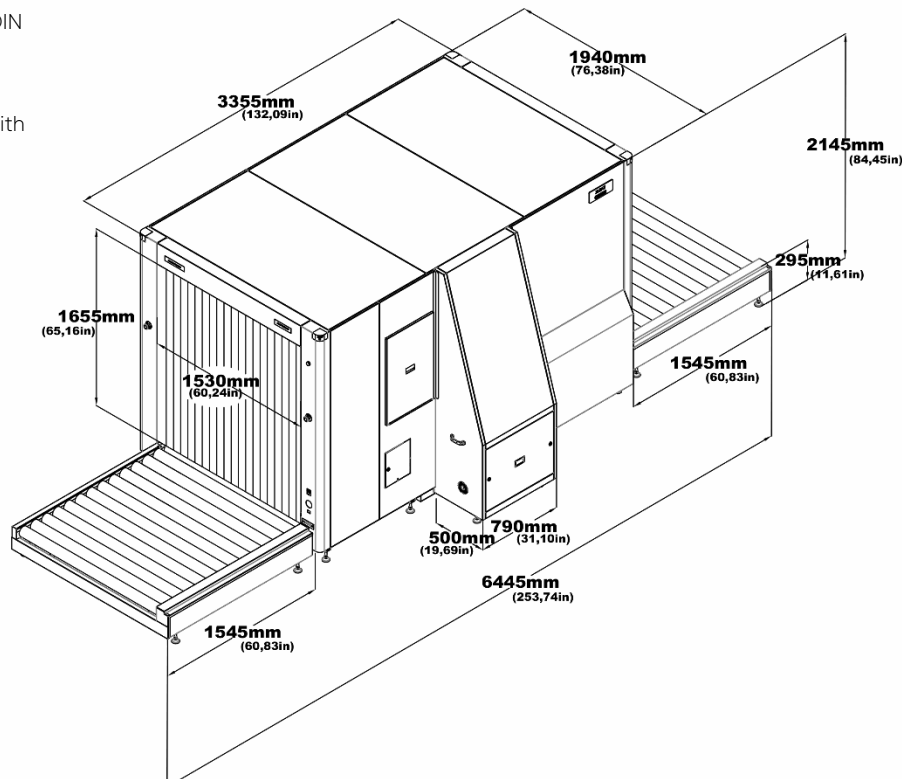
External UPS (For system)
 Operator Console (Open-Closed/Adjustable/I-stand)
 21,5" - 27" Flat Monitor
 Input / Output Rollers
 Test Kit (STP/ASTM)
 Protective Cover
 Search Table
 Tray Return System (Motorized/Gravity)
 Inclined Conveyor
 Ultrasonic Rat Repellent
 Radiation Meter

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



¹As 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.



PALLET & CARGO X-RAY IMAGING SYSTEM

XRC 150-165DV (200kV)



XRC 150-165DV x-ray baggage scanner facilitates the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software with its **200kV** generator source. It makes it extraordinarily easy to detect threats such as cutting tools, explosive narcotics and reduces the rate of error. It provides 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 manufactured with **dual view** (DV) technology. Thanks to its 2 generator sources, it provides high resolution and detailed imaging in horizontal and vertical angles. The visuals can be accessed with a single scan without the need to replace the packages in a different orientation. Thus, hidden objects in the luggage are detected more easily and quickly.

It is designed with the latest technology to scan medium and large packages on a pallet. XRC 150-165DV is one of the most suitable solutions for use in high security facilities such as freight companies, terminals, airports, customs and general cargo.

TECHNICAL DATA **XRC 150-165DV (200kV)**

PHYSICAL PROPERTIES

Tunnel Size	: 1540 mm x 1660 mm
(W x H)	: 60,63 in x 65,35 in
Dimensions	: 8180 mm x 2865 mm x 2505 mm
(L x H x W)	: 322,05 in x 112,80 in x 98,62 in
Approx. Weight Unpacked	: ~6100 kg (13448 lbs.)
Conveyor Height	: 385 mm (15,16 in)
Conveyor Load Capacity	: 3000 kg (6614 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 50 mm guaranteed; 52 mm typical
Wire Resolution ¹	: 36 AWG guaranteed; 38 AWG typical
Anode Voltage	: 200kV, operating at 200kV
Tube Current	: 1,2 mA
Beam Direction	1st Generator : Vertically downward 2nd Generator : Horizontally sideward
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	: Dual 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

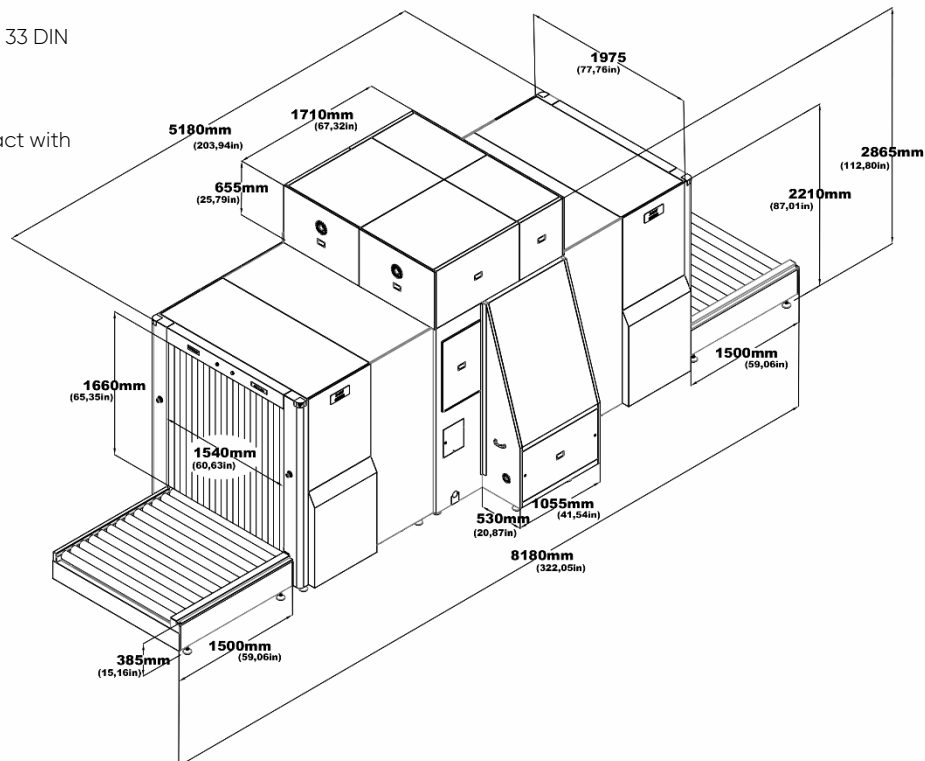
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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



¹As 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.



PALLET & CARGO X-RAY IMAGING SYSTEM

XRC 150-165DV (320kV)



With its **320kV** generator XRC 150-165DV x-ray baggage scanner provides superior performance and 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 /materials), image is colored based on density and shows organic, inorganic and mixed materials in different tones.

It is manufactured with **dual view** (DV) technology. Thanks to its 2 generator sources, it provides high resolution and detailed imaging in horizontal and vertical angles. The images 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.

Designed with the latest technology to scan medium and large packages on a pallet. **XRC 150-165DV (320kV)** is one of the most suitable solutions for use in high security facilities such as freight companies, terminals, airports, customs and general cargo.

TECHNICAL DATA **XRC 150-165DV (320kV)**

PHYSICAL PROPERTIES

Tunnel Size	: 1520 mm x 1660 mm
(W x H)	: 59,84 in x 65,35 in
Dimensions	: 8280 mm x 3260 mm x 3185 mm
(L x H x W)	: 325,98 in x 128,35 in x 125,39 in
Approx. Weight Unpacked	: ~9500 kg (20944 lbs.)
Conveyor Height	: 465 mm (18,31 in)
Conveyor Load Capacity	: 3000 kg (6614 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 70 mm guaranteed; 72 mm typical
Wire Resolution ¹	: 36 AWG guaranteed; 38 AWG typical
Anode Voltage	: 320kV, operating at 320kV
Tube Current	: 1,0 mA
Beam Direction	: 1st Generator : Vertically downward 2nd Generator : Horizontally sideward
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	: Dual 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

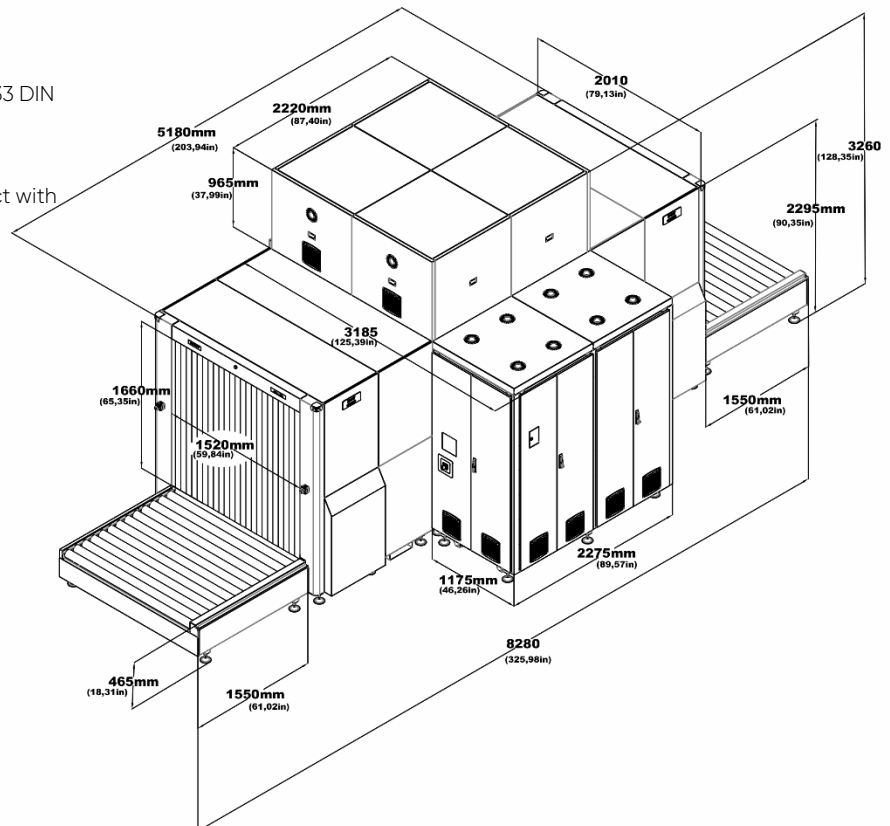
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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



¹As 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.



PALLET & CARGO
X-RAY IMAGING SYSTEM

XRC 180-180 (200kV)



XRC 180-180 x-ray baggage scanner facilitates the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software and provides excellent performance thanks to its **200kV** generator. It makes it extraordinarily easy to detect threats such as cutting tools, explosive narcotics and reduces the rate of error.

Thanks to its multi-diode structure and quality in imaging of scanned materials, image is colored based on density and shows organic, inorganic and mixed materials in different tones.

It is an efficient and a powerful device for scanning medium and large packages on a pallet. Institutions ensure that packages are inspected in places where inspection is required this x-ray device is one of the most suitable solutions for use in high security facilities such as freight companies, terminals, airports, customs and general cargo.

TECHNICAL DATA **XRC 180-180 (200kV)**

PHYSICAL PROPERTIES

Tunnel Size	: 1825 mm x 1810 mm
(W x H)	: 71,85 in x 71,26 in
Dimensions	: 8100 mm x 2315 mm x 2775 mm
(L x H x W)	: 318,90 in x 91,14 in x 109,25 in
Approx. Weight Unpacked	: ~5800 kg (12787 lbs.)
Conveyor Height	: 290 mm (11,42 in)
Conveyor Load Capacity	: 3000 kg (6614 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 50 mm guaranteed; 52 mm typical
Wire Resolution ¹	: 36 AWG guaranteed; 38 AWG typical
Anode Voltage	: 200kV, operating at 200kV
Tube Current	: 1,2 mA
Beam Direction	: Horizontally sideward
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

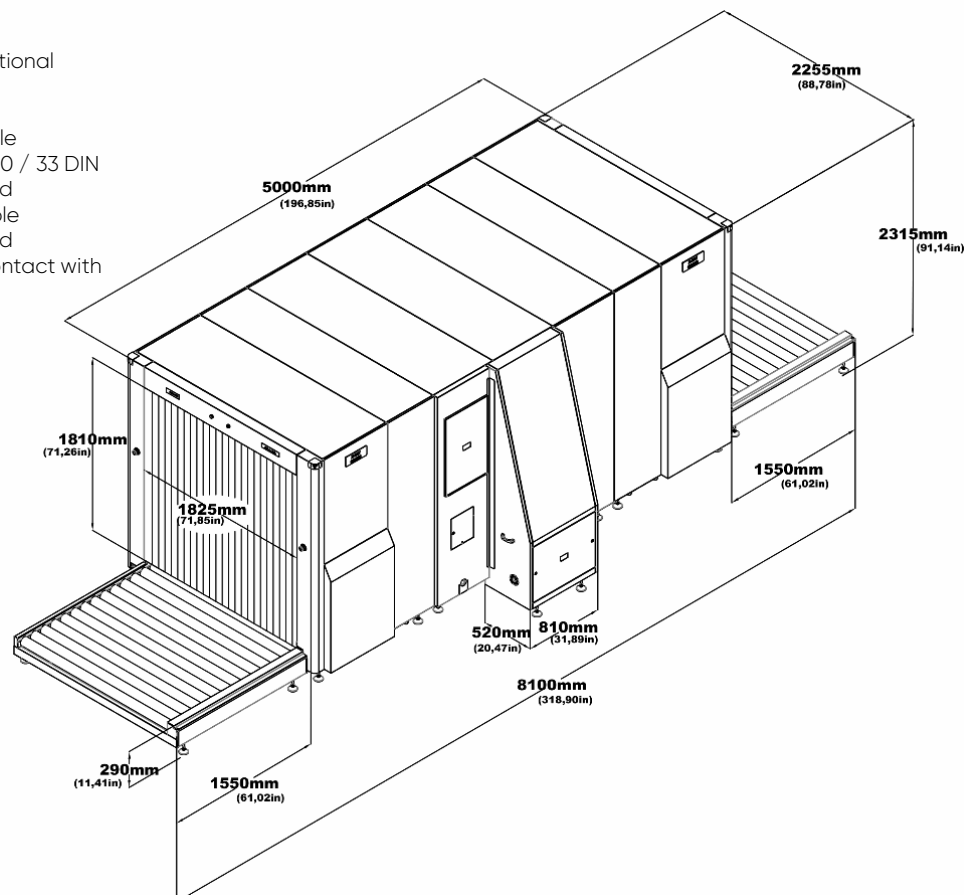
External UPS (For system)
 Operator Console (Open-Closed/Adjustable/I-stand)
 21,5" - 27" Flat Monitor
 Input / Output Rollers
 Test Kit (STP/ASTM)
 Protective Cover
 Search Table
 Tray Return System (Motorized/Gravity)
 Inclined Conveyor
 Ultrasonic Rat Repellent
 Radiation Meter

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



¹As 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.



PALLET & CARGO X-RAY IMAGING SYSTEM

XRC 180-180DV (200kV)



180-180DV provides excellent performance thanks to its **200kV** generator and manufactured with dual view (DV) technology. Thanks to its 2 generator sources, it provides high resolution and detailed imaging in horizontal and vertical angles. 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.

The device itself 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. It 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 designed with the latest technology to scan medium and large packages on a pallet in detail and provides the ideal solution for locations where security screening is required in high security facilities such as freight companies, terminals, airports, customs and general cargo .

TECHNICAL DATA **XRC 180-180DV (200kV)**

PHYSICAL PROPERTIES

Tunnel Size	: 1820 mm x 1810 mm
(W x H)	: 71,65 in x 71,26 in
Dimensions	: 8580 mm x 3015 mm x 2785 mm
(L x H x W)	: 337,80 in x 118,70 in x 109,65 in
Approx. Weight Unpacked	: ~6800 kg (14991 lbs.)
Conveyor Height	: 385 mm (15,16 in)
Conveyor Load Capacity	: 3000 kg (6614 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 50 mm guaranteed; 52 mm typical
Wire Resolution ¹	: 36 AWG guaranteed; 38 AWG typical
Anode Voltage	: 200kV, operating at 200kV
Tube Current	: 1,2 mA
Beam Direction	1st Generator : Vertically downward 2nd Generator : Horizontally sideward
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	: Dual 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

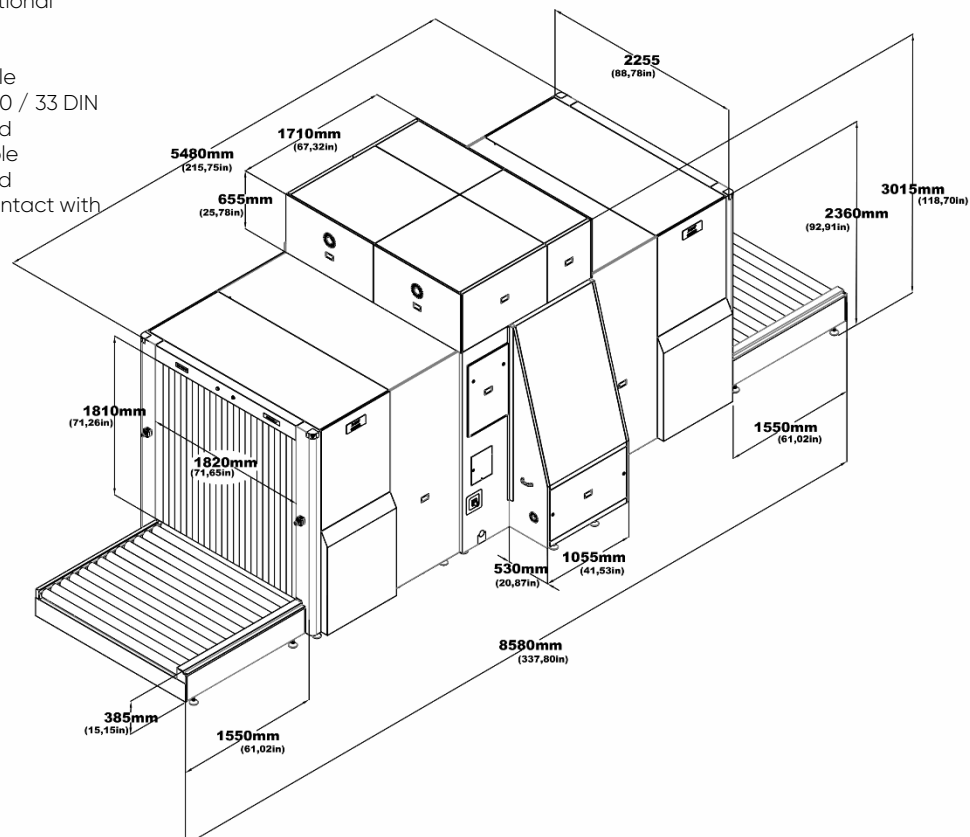
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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



¹As 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.



PALLET & CARGO X-RAY IMAGING SYSTEM

XRC 180-180DV (320kV)



American Transportation Security Administration (TSA) ACSTL qualified x-ray scanner, XRC 180-180DV provides superior performance with its **320kV** generator and also it is designed with **dual view** (DV) technology. Thanks to its 2 generator sources, it provides high resolution and detailed imaging in horizontal and vertical angles. The images 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 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 materials, image is colored based on density and shows organic, inorganic and mixed materials in different tones.

It is designed with the latest technology to scan medium and large packages on a pallet and it is one of the most suitable solutions for use in high security facilities such as freight companies, terminals, airports, customs and general cargo.

TECHNICAL DATA **XRC 180-180DV (320kV)**

PHYSICAL PROPERTIES

Tunnel Size	: 1800 mm x 1810 mm
(W x H)	: 70,87 in x 71,26 in
Dimensions	: 8580 mm x 3410 mm x 3465 mm
(L x H x W)	: 337,80 in x 134,25 in x 136,42 in
Approx. Weight Unpacked	: ~10500 kg (23149 lbs.)
Conveyor Height	: 465 mm (18,31 in)
Conveyor Load Capacity	: 3000 kg (6614 lbs.) Evenly Distributed
System Power	: 110/220V AC \pm 10% 50/60 Hz
Conveyor Speed	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 70 mm guaranteed; 72 mm typical
Wire Resolution ¹	: 36 AWG guaranteed; 38 AWG typical
Anode Voltage	: 320kV, operating at 320kV
Tube Current	: 1,0 mA
Beam Direction	1st Generator : Vertically downward 2nd Generator : Horizontally sideward
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	: Dual 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

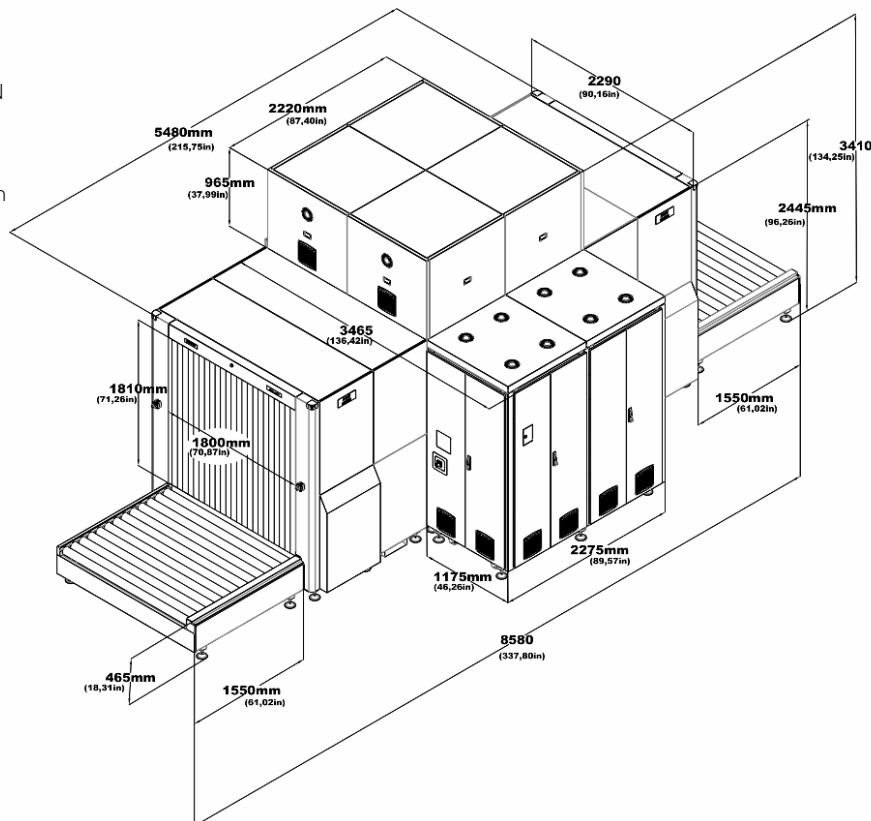
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Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

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



¹As 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.





XRC CleanBlue™ UV-C BAGGAGE

Bag, Parcel, Luggage Surface Cleaning



First laboratory validated system of its kind.
Inactivates **99.9997%** of SARS-CoV-2 virus in 5 seconds.

Bags, parcels, and luggages can carry germs and viruses that can be transmitted from person to person and give rise to public health crises like the global **COVID-19** pandemic. It is therefore critical to properly clean luggage entering public spaces in order to minimize the risk of spreading infectious agents, such as SARS-CoV-2. **Ultraviolet C ("UVC") rays** kill viruses and bacteria by destroying the DNA or RNA structure of microorganisms.

XRC CleanBlue™ UV-C Baggage delivers a powerful array of UVC light to all of the surfaces of luggage and packages that pass through the device, including the top, bottom and sides, resulting in 99.9997% reduction in SARS-CoV-2 virus and 99.9% reduction of bacteria within 5 seconds. These results have been independently validated by an approved and accredited laboratory that does viral and bacterial testing.

X-Ray Center is committed to innovating and developing products that protect the world from danger and illness.

XRC CleanBlue™ UV-C BAGGAGE

Specifications & Technical Information

60-40

PHYSICAL PROPERTIES

Tunnel Dimensions	600 mm (W) x 400 mm (H)
Device Dimensions	Length: 1900 mm
	Height: 1395 mm
	Width: 975 mm
Conveyor Height	715 mm
Approx. Weight Unpacked	430 kg

75-55

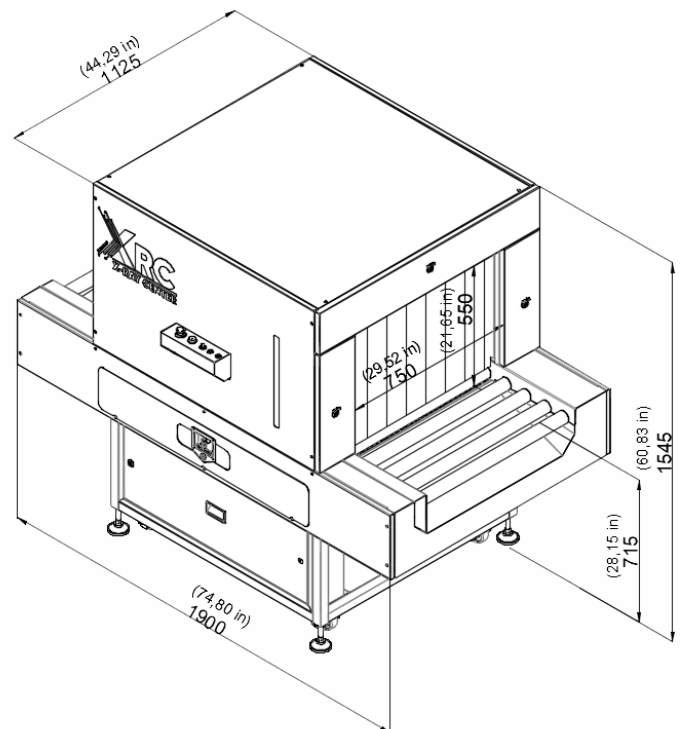
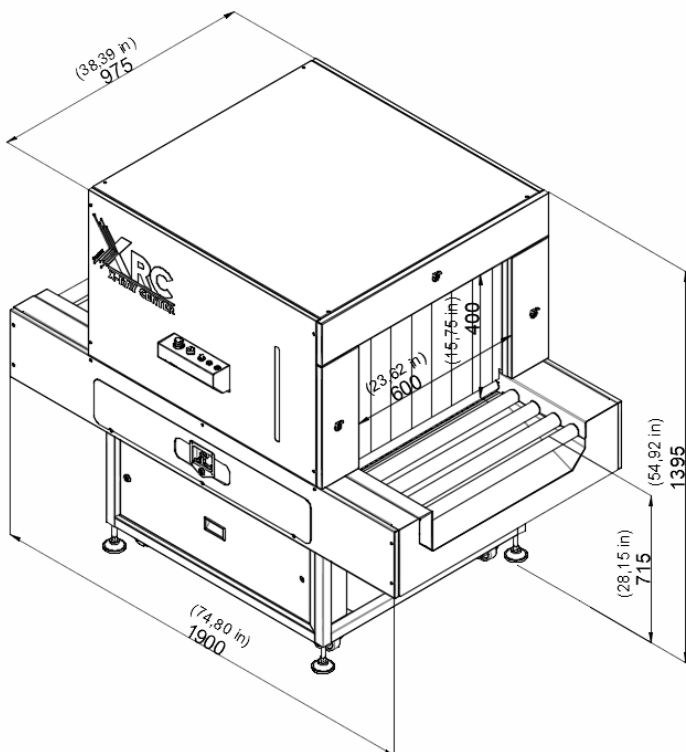
Tunnel Dimensions	750 mm (W) x 550 mm (H)
Device Dimensions	Length: 1900 mm
	Height: 1545 mm
	Width: 1125 mm
Conveyor Height	715 mm
Approx. Weight Unpacked	480 kg

TECHNICAL INFORMATION

Lamp Category	254 nm wavelength UV-C Ray
Disinfection Time	5 seconds
Lamp Life	9000 hours
Conveyor Speed	0,20 m/s (Optional)
System Power	5 A
Sensors	UV-C, Ozone (Standard) / Heat, Humidity, Infrared mov. (Optional)

SAFETY & EASE of USE

- * Customizable tunnel size per customer requirements and adaptability to any [X-Ray Security Screening Systems](#).
- * Innovative patent pending drawer design that provides convenience and ease of use, including catch drawer to catch and retrieve falling items.
- * First system of its kind to be validated by an independent laboratory to inactivate **99.9997%** of SARS-Cov2 (COVID-19), Adenovirus, Murine Norovirus and **99.9%** of bacteria, such as e-coli.
- * Passed the EMC, LVD, Machinery Safety tests, that shows compliance with EU Directives, and received [CE Certificate](#). Well below the EU Directive limit with UV-C Human Exposure tests according to [ISO 15858:2016](#) and well below the limit set by the FDA (American Food and Drug Administration) with Ozone Release Human Exposure tests according to [ASTM D 4490-96](#).
- * The stop button can be used in emergencies.
- * The leakage of UV-C rays to the outside is prevented by advanced technology.



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

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