# XRC®

## X-RAY CENTER

**PROTECTING THE WORLD
FROM HIDDEN THREATS!**

# ABOUT X-RAY CENTER

XRC® was established in 1998 with the goal of protecting the world from hidden threats.

In 2010, XRC® began developing and manufacturing its own innovative brand of x-ray security screening systems.

Today, XRC® is the only x-ray security screening system manufacturer in Turkey, and one of only a handful of manufacturers in the entire world who produces x-ray Security screening systems that have been tested and approved by the United States Transportation Security Administration (TSA) and the European Civil Aviation Conference (ECAC). TSA and ECAC employ the highest testing standards in the industry to ensure the protection of the world's transportation systems. In 2021, XRC® was an exclusive provider of X-ray security screening systems for the 2020 Tokyo Olympics.

In just one decade, XRC® has grown from a small national manufacturer to one that has over thirty different products deployed in every continent in the world except Antarctica.
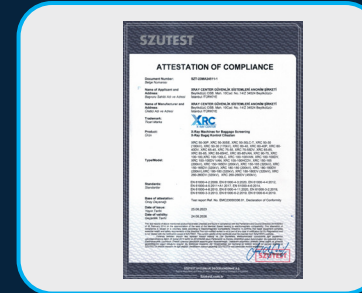
In 2020, we responded to the Covid-19 pandemic by expanding our mission to protect the world from exposure to deadly pathogens, including SARS-CoV-2. We invested a great deal of our financial and human resources into developing systems that could reduce the risk of spreading SARS-CoV-2. The result is a new line of innovative products that use UVC light to disinfect surfaces containing pathogens, including a tunnel type baggage disinfection system that eliminates 99.99% of SARS-CoV-2 and other viruses and 99.9% of bacterial pathogens.

The founder of X-Ray Center is Agop Havluciyan whose guiding principle in life and business can be summed up in one word: INTEGRITY. So at the heart of everything we do is integrity. This is our True North, and in an industry which serves to protect people from harm, there is nothing more important than that principle. It guides our research and development, it guides our commitment to quality, it guides our after-sales maintenance and service, and it guides how we treat our customers, our suppliers and our employees. This one quality is the reason why XRC® quickly became a trusted brand within our native country of Turkey, and it is the reason why we have been able to grow our business worldwide in a short period of time.

# MILESTONES

**2025** — XRC® Launches the XRC® ACS-SVP – Trolley Scanner with XRC's Super View Imaging Technology.

**2024** — XRC® Launches the XRC® 100-20 MST - Mineral Sorting Powered by X-Ray Technology.
XRC® 100-100HCDV has been approved by TSA (American Transportation Security Administration).

**2023** — XRC® 60-40DV has been approved by the French Civil Aviation Technical Service (STAC).
XRC® 180-180DV 200kV has been approved by the French Civil Aviation Technical Service (STAC).

**2022** — XRC® awarded contract for 41 dual-view systems by DHMI of Türkiye.

**2021** — XRC® 75-55DV has been approved by the TSA (American Transportation Security Administration).
XRC® 100-100DV has been approved by the French Civil Aviation Technical Service (STAC).
XRC® 180-180DV (200kV) has been approved by TSA (American Transportation Security Administration) XRC® delivers its first 180-180DV (200kV) TSA approved systems to Turkish Airlines Cargo Unit

**2020** — Research on the 3D Imaging system has begun.
Production of bags, packages and luggage surface cleaning system devices with UV-C rays began. XRC® 6040DV LEDS (Liquid Explosive Detection Systems) was the first XRC® device to receive the C2 and C3 certificate from ECAC (European Civil Aviation Conference).

**2019** — XRC® 180-180DV (320kV) has been approved by TSA (American Transportation Security Administration).

**2018** — XRC® 60-40 was the first XRC® device approved by TSA (American Transportation Security Administration).
XRC® 60-40DV has been approved by TSA (American Transportation Security Administration).
XRC® 100-100DV has been approved by TSA (American Transportation Security Administration).

**2017** — XRC® 100-100LC has been approved by the French Civil Aviation Technical Service (STAC).

**2016** — First Mobil Van device was produced.

**2015** — A new factory was established in Beylikdüzü-Istanbul, Turkey and the general directorate was moved here.

**2014** — Collaboration with the Defense Technologies Center was started.
First Mobile Trailer devices started to be produced.

**2013** — Cooperation with the Ministry of Customs & Trade and Airports was established.

**2012** — The first State Airports Authority (DHMI) tender was won.

**2011** — X-Ray Center was entitled to obtain a production license under the XRC® brand.

**2010** — Deep R&D studies on X-Ray baggage scanning systems were started in Bakırkoy-Istanbul, Turkey.

# CERTIFICATES



CE EMC Certificate of Compliance



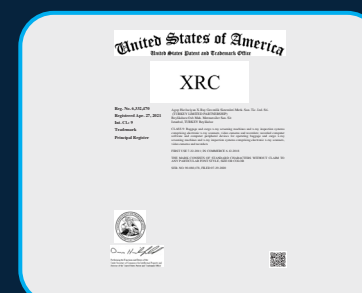CE LVD & Machinery Certificate



FDA 2025



ISO 9001:2015



ISO 14001:2015



ISO 45001:2018



XRC® CleanBlueTM Baggage Turkish Ministry of Health Certificate



XRC® US Trademark Registration



XRC® CTM Registration

**XRC®**
**PROTECTING THE WORLD**
**FROM HIDDEN THREATS!**

In today's world, security is more critical than ever. XRC's state of the art x-ray security screening systems go beyond traditional technology, offering unparalleled precision and crystal clear imaging to detect hidden threats. Equipped with the latest advancements in imaging technology and enhanced by optional AI capabilities, our systems empower security personnel to see what others simply can't.

Our x-ray systems not only provide detailed crystal clear images but also offer intuitive visual cues, making it easier to spot dangerous objects, even those cleverly concealed within seemingly ordinary items. Whether it's a busy airport terminal or a high security facility, our technology offers a level of clarity that is second to none, reducing the risk of human error and improving overall security.
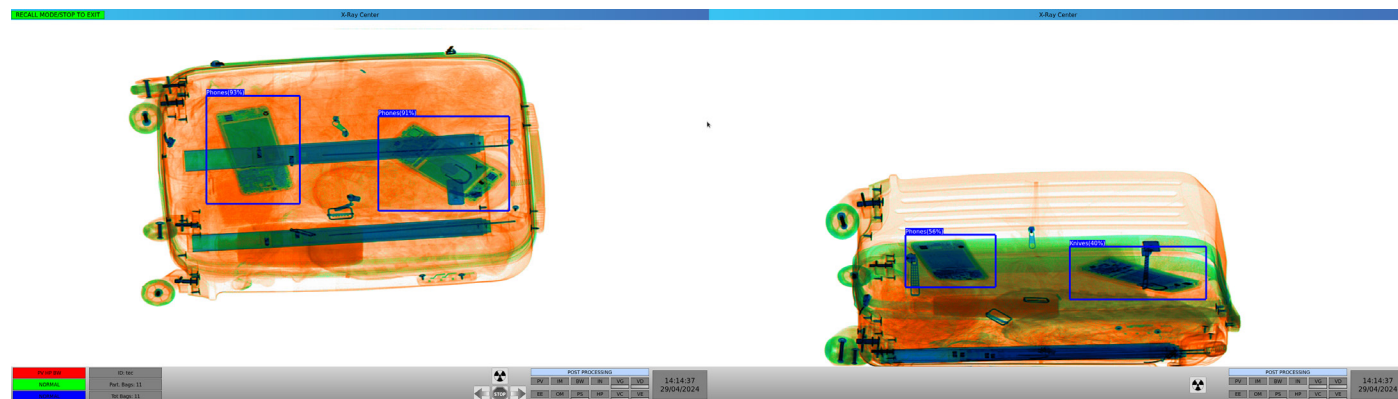
## XRC® AI ENHANCED DETECTION

- **Automatic Detection** of threat items - bottles, knives, guns, batteries, phones, tablets, radios, pagers, antennas and bullets
- **Text-based identification** for quick recognition
- **Certainty coefficient** displayed with every detection
- **Continuous improvement** powered by machine learning
- **Seamless integration** with any XRC® system
- **No additional operator training** required
- **Customizable security levels** set by end-user administrators
- **Best in class imaging and color quality** for enhanced clarity

# XRC® We See What Others Can't

# XRC® 50-30LCT (100kV)

# PROTECTING THE WORLD FROM HIDDEN THREATS!

The **XRC® 50-30LCT** is a mobile, compact and light-weight x-ray baggage scanner with a 100kV x-ray  generator. The XRC® 50-30LCT has rollers that fold up and handles that make it easy to roll the scanner from one location to another on its low friction wheels. The scanner comes equipped with various image processing functions, a hazard alarm, advanced computer technology, and best-in-class software. It is designed to make it easy for operators to identify potentially threatening objects such as cutting tools, explosives, and narcotics. These features help to minimize the error rate and ensure efficient and effective security screening. Its multi-diode structure and high-quality imaging produce a coloured image that reflects the density of the scanned objects, displaying organic, inorganic, and mixed materials in different shades.
The XRC® 50-30LCT is a mobile, compact, and lightweight scanner that is ideal for use in locations with limited working space. This scanner is equipped with the latest technology and can provide detailed scans of small handbags, packages, parcels, and cabin baggage.
The x-ray baggage scanner has a built in touch-screen monitor that folds down when not in use. The scanner is designed with operators' standing operation ergonomics in mind and utilizes a built in touchscreen monitor that folds down when not in use. It is efficient and powerful, and can be used for inspection in various locations such as courts, police departments, offices, shopping malls, prisons, hotels and anywhere that space is at a premium or where the scanner must be used in multiple locations and needs to be mobile.

### 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,  Bi-Directional Scanning, Emergency Stop Buttons

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

### OPTIONAL ACCESSORIES
External UPS (For system), Input / Output Rollers, Test Kit (STP/ASTM), Protective Cover, Search Table, Tray Return System (Motorized/Gravity), Inclined Conveyor, Ultrasonic Rat Repellent, Radiation Meter

### HEALTH AND SAFETY
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 |

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

### TECHNICAL DATA
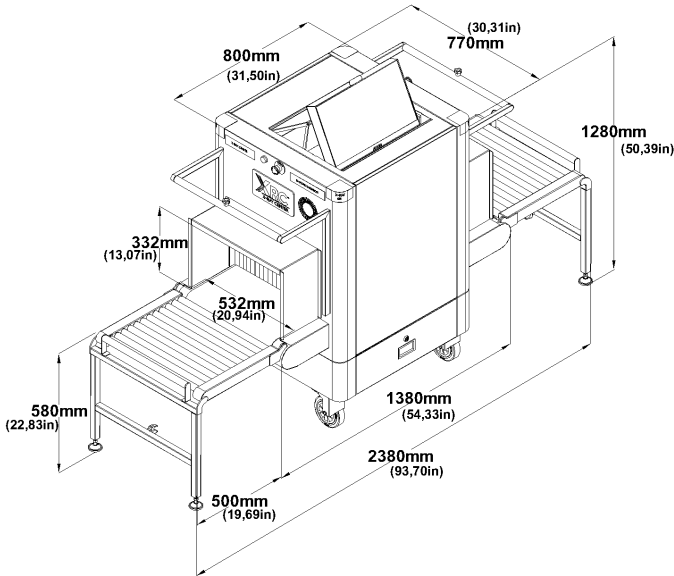
#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 10 mm guaranteed; 12 mm typical |
| Wire Resolution * | : 38 AWG guaranteed; 40 AWG typical |
| Anode Voltage | : 100kV, operating at 80kV |
| Tube Current | : 0,5 mA |
| Beam Direction | : Vertically downward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity  : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required



### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 532 mm x 332 mm |
| (W x H) | : 20,94 x 13,07 in |
| Dimensions | : 2380 mm x 770 mm x 1280 mm |
| (L x W x H) | : 93,70 x 30,31 x 50,39 in |
| Approx. Weight Unpacked | : ~400 kg (882 lbs.) |
| Conveyor Height | : 580mm (22.83 in) |
| Conveyor Load Capacity | : 165 kg (364 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 6A/3A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

### IDEAL APPLICATIONS
The XRC 50-30LCT is suited for various settings, including:
Courts and Police Departments
Government Offices
Shopping Malls
Prisons
Hotels
Exhibition Centers
Any location where space is at a premium and mobility is essential

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

# XRC® 50-30P (170kV)

# PROTECTING THE WORLD FROM HIDDEN THREATS!

**XRC® 50-30P** x-ray device facilitates the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software. It provides exceptional ease in detecting threats such as cutting tools, explosives narcotics and minimizes the error rate and offers unique image quality by showing the scanned organic, inorganic and mixed items in different colors thanks to its multi-diode structure and quality in imaging of scanned objects. It is a preferred model for locations with limited operating space and it is an efficient and a powerful device for scanning small handbags, packages parcels and cabin baggage in detail. It provides the ideal solution for locations where security screening is required like courts, police departments, offices, shopping malls, prisons and hotels.

**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, Bi-Directional Scanning, Emergency Stop Buttons

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

**OPTIONAL ACCESSORIES**
External UPS (For system), Input / Output Rollers, Test Kit (STP/ASTM), 21,5''- 27'' Flat Monitor, Protective Cover, Search Table, Tray Return System (Motorized/Gravity), Inclined Conveyor, Ultrasonic Rat Repellent, Radiation Meter

**HEALTH AND SAFETY**
All X-Ray Center Ltd products meet all applicable international health and safety regulations. US FDA Federal Standard 21CFR1020.40 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

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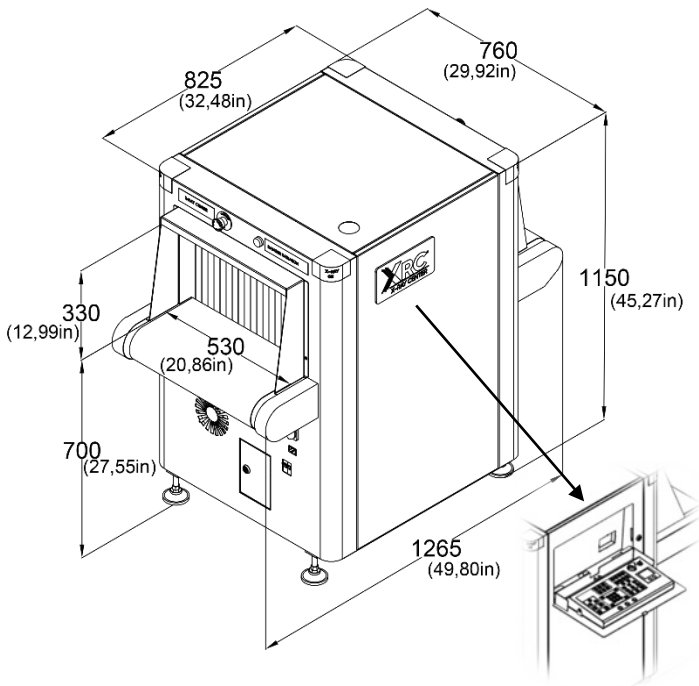
**X-RAY GENERATOR & IMAGE PERFORMANCE**

| | |
|---|---|
| Steel Penetration * | : 38 mm guaranteed; 39 mm typical |
| Wire Resolution * | : 38 AWG guaranteed; 40 AWG typical |
| Anode Voltage | : 170kV, operating at 147kV |
| Tube Current | : 0,7 mA |
| Beam Direction | : Vertically upward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

**COMPUTER SPECIFICATIONS**

| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

**OPERATING ENVIRONMENT**
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

**PHYSICAL PROPERTIES**

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

825 (32,48in)
760 (29,92in)
330 (12,99in)
1150 (45,27in)
530 (20,86in)
700 (27,55in)
1265 (49,80in)

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

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

# XRC® 50-30SE

# PROTECTING THE WORLD FROM HIDDEN THREATS!

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.

### 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, 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 Bi-Directional Scanning, Emergency Stop Buttons

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

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

### HEALTH AND SAFETY
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

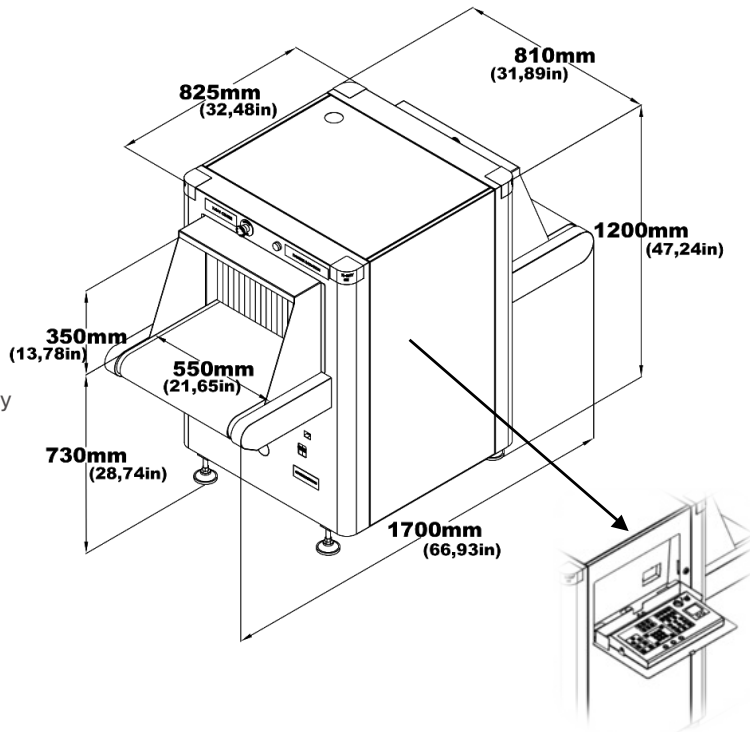### TECHNICAL DATA

#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 10 mm guaranteed; 12 mm typical |
| Wire Resolution * | : 38 AWG guaranteed; 40 AWG typical |
| Anode Voltage | : 100kV, operating at 80kV |
| Tube Current | : 0,5 mA |
| Beam Direction | : Vertically upward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F) Relative Humidity : 0% to 95% non-condensing Duty Cycle 100% (24 Hours), No warm-up required

### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 550 mm x 350 mm |
| (W x H) | : 21,65 in x 13,78 in |
| Dimensions | : 1700 mm x 810 mm x 1200 mm |
| (L x W x H) | : 66,93 in x 31,89 in x 47,24 in |
| Approx. Weight Unpacked | : ~375 kg (826 lbs.) |
| Conveyor Height | : 730mm (28,74 in) |
| Conveyor Load Capacity | : 165 kg (364 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 6A/3A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

**810mm** (31,89in)

**825mm** (32,48in)

**1200mm** (47,24in)

**350mm** (13,78in)

**550mm** (21,65in)

**730mm** (28,74in)

**1700mm** (66,93in)

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

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

# XRC® 50-30 (100kV)

# PROTECTING THE WORLD FROM HIDDEN THREATS!

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.



## PHYSICAL PROPERTIES

| | |
|---|---|
| Tunnel Size | : 550 mm x 350 mm |
| (W x H) | : 21,65 in x 13,78 in |
| Dimensions | : 1700 mm x 810 mm x 1200 mm |
| (L x W x H) | : 66,93 in x 31,89 in x 47,24 in |
| Approx. Weight Unpacked | : ~375 kg ( 827 lbs.) |
| Conveyor Height | : 730mm (28,74 in) |
| Conveyor Load Capacity | : 165 kg (364 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 6A/3A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

## 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), Inorganic Threat Alarm, Operator Training Program (OTP), UPS (For Computer Supply), Multi Languages, Self Diagnosis, Generator Timer, Automatic Stop Conveyor Bi-Directional Scanning, Emergency Stop Buttons

## OPTIONAL FEATURES

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

## OPTIONAL ACCESSORIES

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

## HEALTH AND SAFETY

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

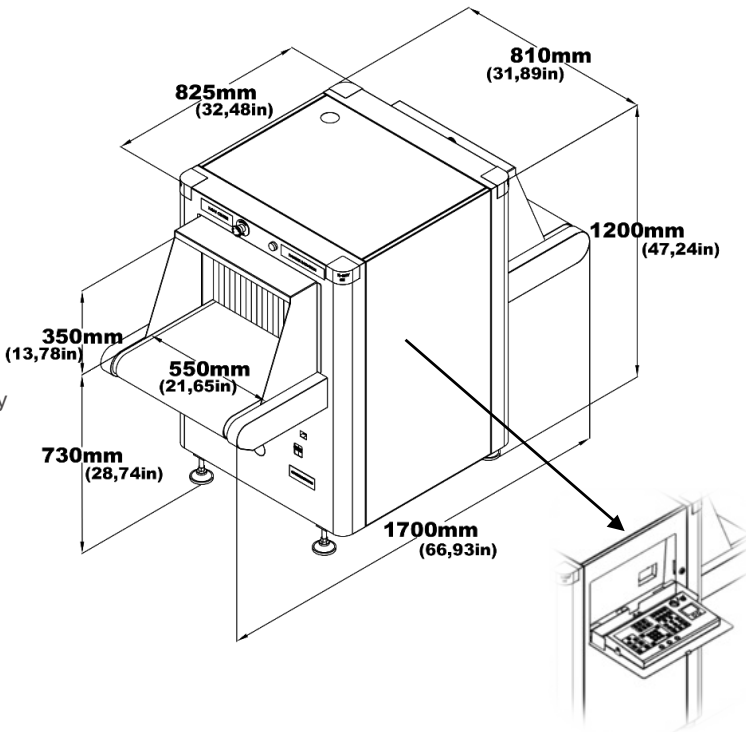## TECHNICAL DATA

### X-RAY GENERATOR & IMAGE PERFORMANCE

| | |
|---|---|
| Steel Penetration * | : 10 mm guaranteed; 12 mm typical |
| Wire Resolution * | : 38 AWG guaranteed; 40 AWG typical |
| Anode Voltage | : 100kV, operating at 80kV |
| Tube Current | : 0,5 mA |
| Beam Direction | : Vertically upward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

### COMPUTER SPECIFICATIONS

| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

### OPERATING ENVIRONMENT

Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required



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

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

# XRC® 50-30 (170kV)

# PROTECTING THE WORLD FROM HIDDEN THREATS!

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.



**XRC**
**X–RAY CENTER**

### 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 Bi-Directional Scanning, Emergency Stop Buttons

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

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

### HEALTH AND SAFETY
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

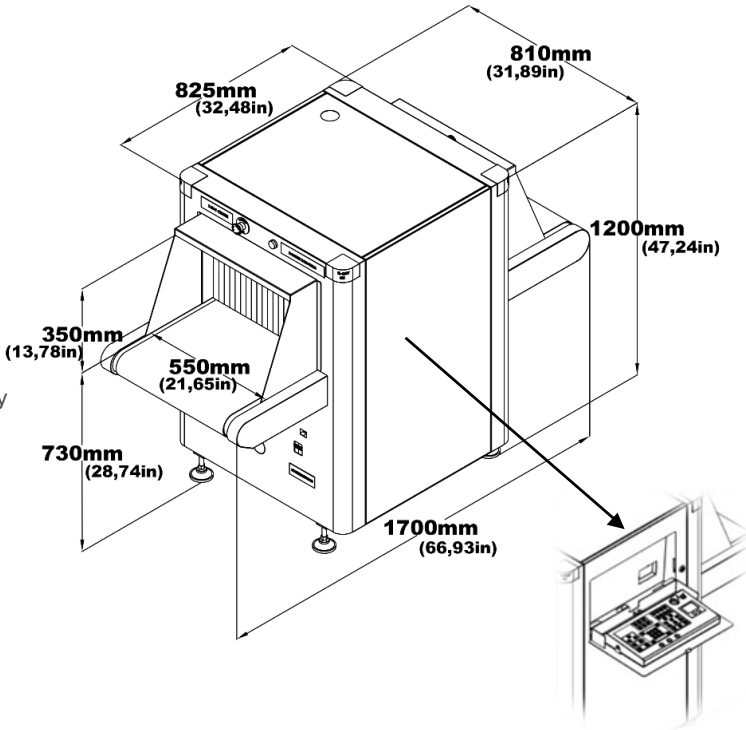### TECHNICAL DATA

#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 38 mm guaranteed; 39 mm typical |
| Wire Resolution * | : 38 AWG guaranteed; 40 AWG typical |
| Anode Voltage | : 170kV, operating at 147kV |
| Tube Current | : 0,7 mA |
| Beam Direction | : Vertically upward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity  : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 550 mm x 350 mm |
| (W x H) | : 21,65 in x 13,78 in |
| Dimensions | : 1700 mm x 810 mm x 1200 mm |
| (L x W x H) | : 66,93 in x 31,89 in x 47,24 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 ± 10% 50/60 Hz, 6A/3A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |



**810mm (31,89in)**
**825mm (32,48in)**
**1200mm (47,24in)**
**350mm (13,78in)**
**550mm (21,65in)**
**730mm (28,74in)**
**1700mm (66,93in)**

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

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

# Proud to win the trust of the world

We are one of only a handful of manufacturers in the world producing x-ray screening systems tested and approved by the United States Transportation Security Administration (TSA) and the European Civil Aviation Conference (ECAC).

**XRC**
X-RAY CENTER

x-raycenter.com

Provider of X-Ray Security Systems
**for the 2020 Tokyo Olympics**

**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.

### 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

### 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

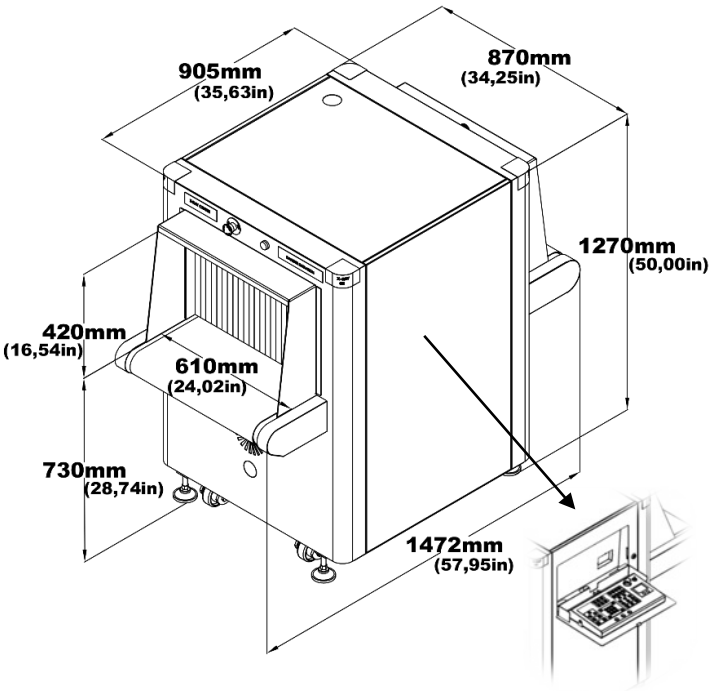### TECHNICAL DATA

#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 38 mm guaranteed; 39 mm typical |
| Wire Resolution * | : 38 AWG guaranteed; 40 AWG typical |
| Anode Voltage | : 170kV, operating at 147kV |
| Tube Current | : 0,7 mA |
| Beam Direction | : Vertically upward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 610 mm x 420 mm |
| (W x H) | : 24,02 in x 16,54 in |
| Dimensions | : 1472 mm x 870 mm x 1270 mm |
| (L x W x H) | : 57,95 in x 34,25 in x 50 in |
| Approx. Weight Unpacked | : ~425 kg ( 937 lbs.) |
| Conveyor Height | : 730 mm (28,74 in) |
| Conveyor Load Capacity | : 165 kg (364 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 6A/3A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

905mm (35,63in)
870mm (34,25in)
1270mm (50,00in)
420mm (16,54in)
610mm (24,02in)
730mm (28,74in)
1472mm (57,95in)

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

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

# XRC® 60-40

# PROTECTING THE WORLD FROM HIDDEN THREATS!

**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.

## 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

## 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

## TECHNICAL DATA
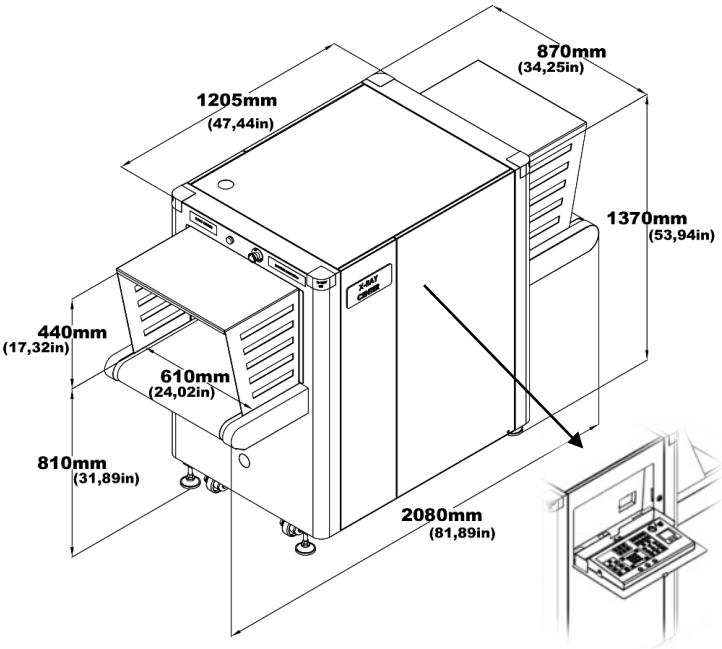
### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 40 guaranteed; 42 mm typical |
| Wire Resolution * | : 38 AWmmG guaranteed; 40 AWG typical |
| Anode Voltage | : 170kV, operating at 160kV |
| Tube Current | : 1,0 mA |
| Beam Direction | : Vertically upward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD Monitor Min. 1280x1024 Resolution (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 |

## PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 610 mm x 440 mm |
| (W x H) | : 24,02 in x 17,32 in |
| Dimensions | : 2080 mm x 870 mm x 1370 mm |
| (L x W x H) | : 81,89 in x 34,25 in x 53,94 in |
| Approx. Weight Unpacked | : ~525 kg ( 1158 lbs.) |
| Conveyor Height | : 810mm (31,89 in) |
| Conveyor Load Capacity | : 165 kg (364 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 6A/3A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

## OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F) Relative Humidity : 0% to 95% non-condensing Duty Cycle 100% (24 Hours), No warm-up required

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

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

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.

### PHYSICAL PROPERTIES

| | |
|---|---|
| Tunnel Size | : 610 mm x 420 mm |
| (W x H) | : 24,02 in x 16,54 in |
| Dimensions | : 2220 mm x 1270 mm x 1370 mm |
| (L x W x H) | : 87,40 in x 50 in x 53,94 in |
| Approx. Weight Unpacked | : ~675 kg ( 1488 lbs.) |
| Conveyor Height | : 810 mm (31,89 in) |
| Conveyor Load Capacity | : 165 kg (364 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 8A/4A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

TSA Approved    ECAC LEDS Standard 2 & Standard 3 Type C Approved    STAC Approved

## 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, Bi-Directional Scanning, Emergency Stop Buttons

## OPTIONAL FEATURES

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

## OPTIONAL ACCESSORIES

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

## 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
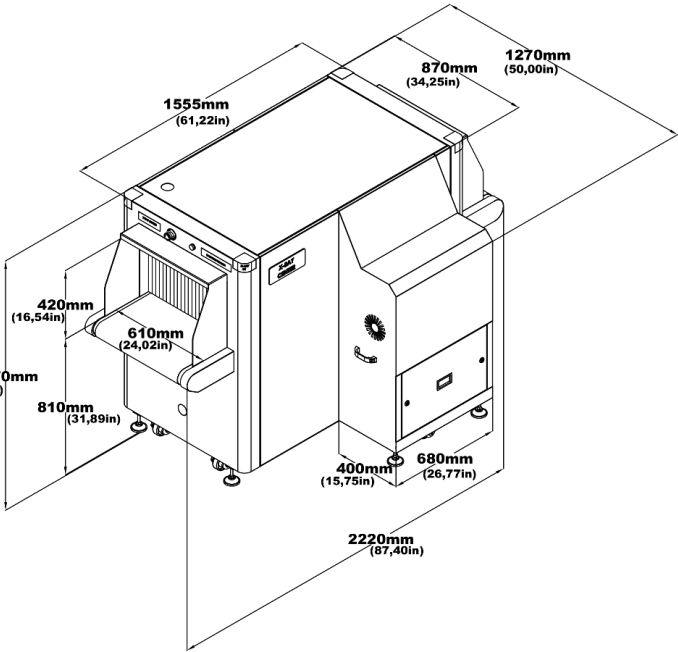
## TECHNICAL DATA

### X-RAY GENERATOR & IMAGE PERFORMANCE

| | |
|---|---|
| Steel Penetration * | : 40 mm guaranteed; 42 mm typical |
| Wire Resolution * | : 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 |
| | Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

### COMPUTER SPECIFICATIONS

| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : Dual 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

### OPERATING ENVIRONMENT

Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

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

Dimensions: 1270mm (50,00in), 870mm (34,25in), 1555mm (61,22in), 420mm (16,54in), 610mm (24,02in), 1370mm (53,94in), 810mm (31,89in), 400mm (15,75in), 680mm (26,77in), 2220mm (87,40in)

# 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.

**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,Bi-Directional Scanning,
Emergency Stop Buttons

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

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

**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

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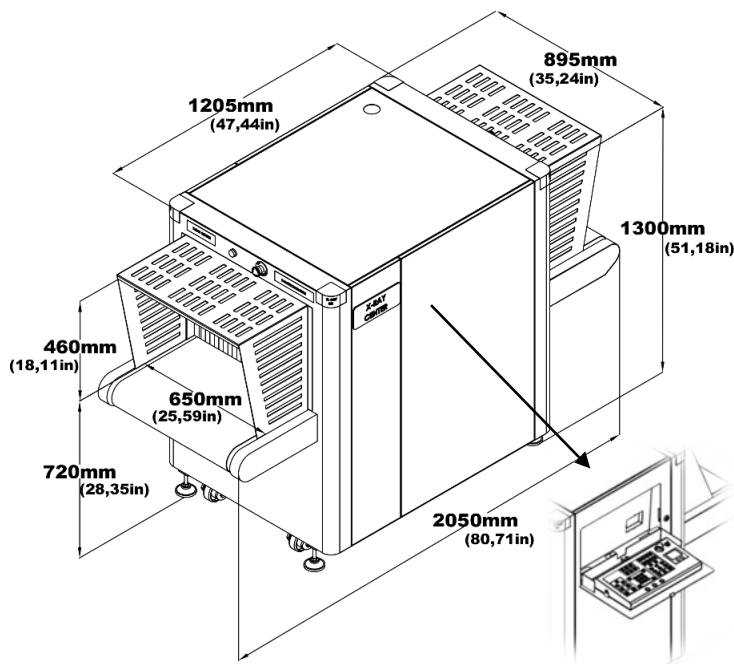
**X-RAY GENERATOR & IMAGE PERFORMANCE**

| | |
|---|---|
| Steel Penetration * | : 40 guaranteed; 42 mm typical |
| Wire Resolution * | : 38 AWmmG 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 Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

**COMPUTER SPECIFICATIONS**

| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

**OPERATING ENVIRONMENT**
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C
(-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

**PHYSICAL PROPERTIES**

| | |
|---|---|
| Tunnel Size | : 650 mm x 460 mm |
| (W x H) | : 25,59 in x 18,11 in |
| Dimensions | : 2050 mm x 895 mm x 1300 mm |
| (L x W x H) | : 80,71 in x 35,24 in x 51,18 in |
| Approx. Weight Unpacked | : ~520 kg ( 1146 lbs.) |
| Conveyor Height | : 720mm (28,35 in) |
| Conveyor Load Capacity | : 165 kg (364 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 6A/3A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

**895mm** (35,24in)
**1205mm** (47,44in)
**1300mm** (51,18in)
**460mm** (18,11in)
**650mm** (25,59in)
**720mm** (28,35in)
**2050mm** (80,71in)

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

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

# PROTECTING THE WORLD FROM HIDDEN THREATS!

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.

### 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

### 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

### TECHNICAL DATA

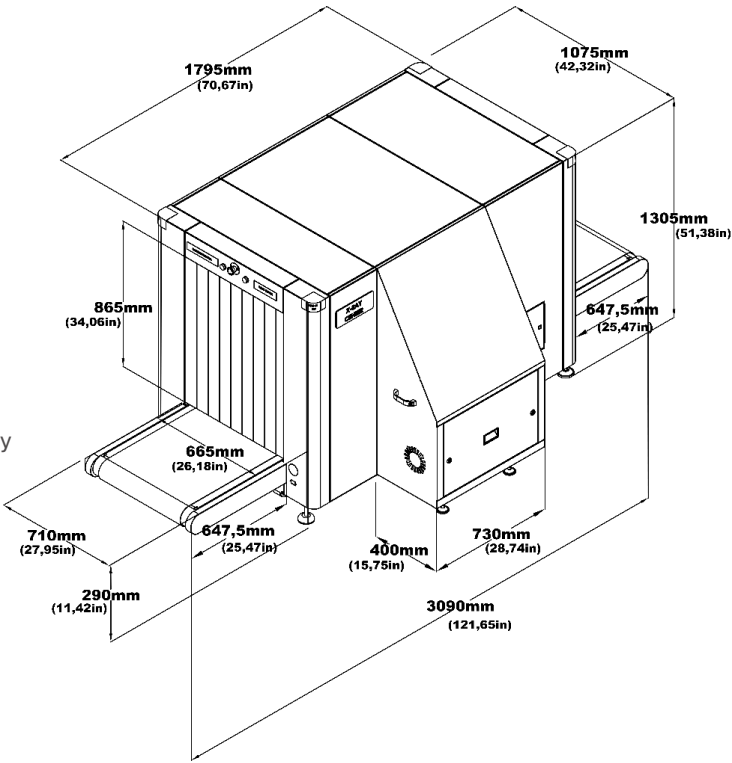#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 39 mm guaranteed; 40 mm typical |
| Wire Resolution * | : 38 AWG guaranteed; 40 AWG typical |
| Anode Voltage | : 170kV, operating at 160kV |
| Tube Current | : 1,0 mA |
| Beam Direction | : Horizontally sideward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F) Relative Humidity : 0% to 95% non-condensing Duty Cycle 100% (24 Hours), No warm-up required

### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 665 mm x 865 mm |
| (W x H) | : 26,18 in x 34,06 in |
| Dimensions | : 3090 mm x 1475 mm x 1305 mm |
| (L x W x H) | : 121,65 in x 58,07 in x 51,38 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 ± 10% 50/60 Hz, 8A/4A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

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

# XRC® 75-55

# PROTECTING THE WORLD FROM HIDDEN THREATS!

**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.

## 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, Bi-Directional Scanning,
Emergency Stop Buttons

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

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

## 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

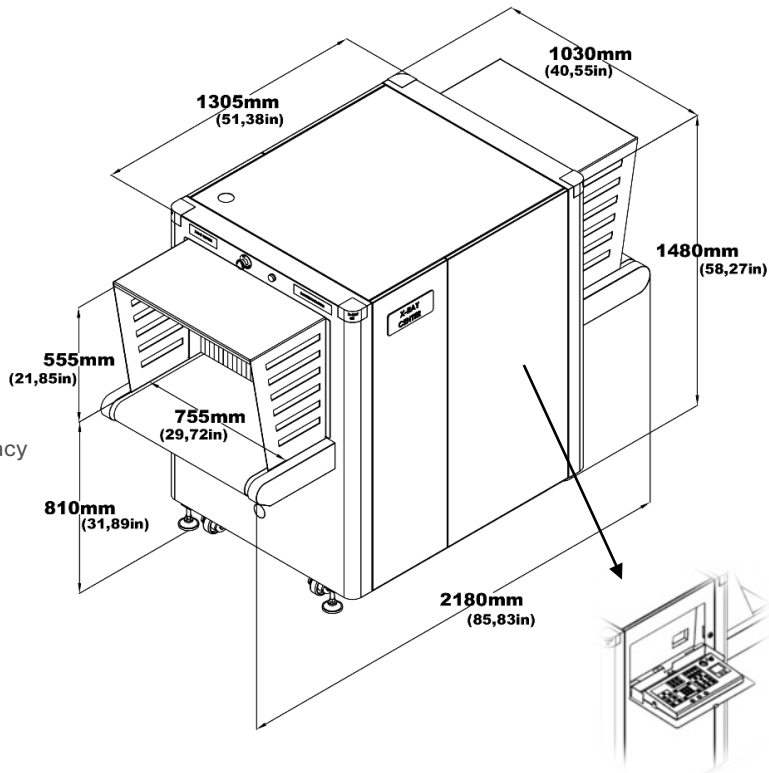## TECHNICAL DATA

### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 40 mm guaranteed; 42 mm typical |
| Wire Resolution * | : 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 Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C
(-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

## PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 755 mm x 555 mm |
| (W x H) | : 29,72 in x 21,85 in |
| Dimensions | : 2180 mm x 1030 mm x 1480 mm |
| (L x W x H) | : 85,83 in x 40,55 in x 58,27 in |
| Approx. Weight Unpacked | : ~625 kg ( 1378 lbs.) |
| Conveyor Height | : 810mm (31,89 in) |
| Conveyor Load Capacity | : 165 kg (364 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 6A/3A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

1030mm
(40,55in)

1305mm
(51,38in)

1480mm
(58,27in)

555mm
(21,85in)

755mm
(29,72in)

810mm
(31,89in)

2180mm
(85,83in)

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

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

# 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.

## 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, Bi-Directional Scanning, Emergency Stop Buttons

## OPTIONAL FEATURES

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

## OPTIONAL ACCESSORIES

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

## 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

## TECHNICAL DATA

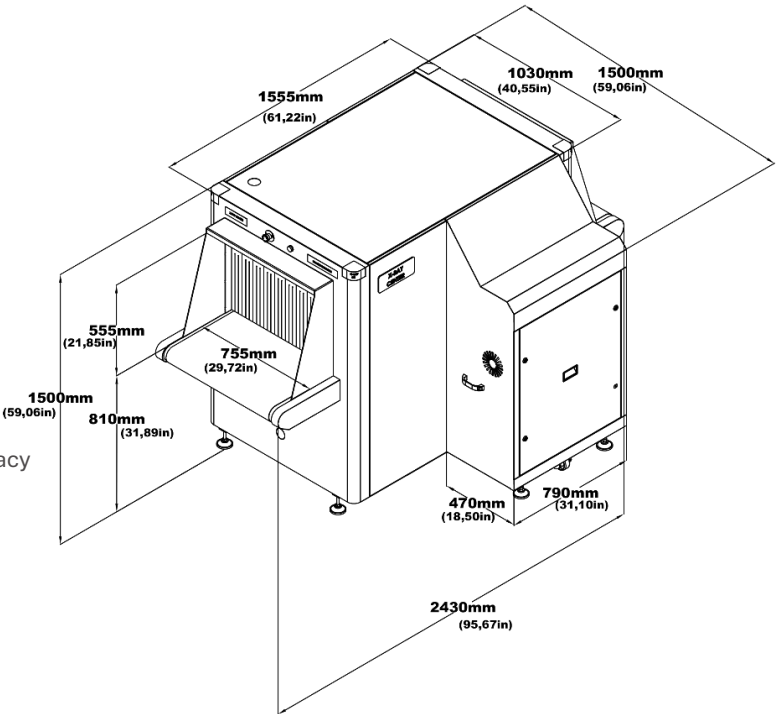### X-RAY GENERATOR & IMAGE PERFORMANCE

| | |
|---|---|
| Steel Penetration * | : 40 mm guaranteed; 42 mm typical |
| Wire Resolution * | : 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  Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

### COMPUTER SPECIFICATIONS

| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : Dual 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

### OPERATING ENVIRONMENT

Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F) Relative Humidity : 0% to 95% non-condensing Duty Cycle 100% (24 Hours), No warm-up required

## 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 W x H) | : 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 ± 10% 50/60 Hz, 8A/4A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

1555mm (61,22in)
1030mm (40,55in)
1500mm (59,06in)
555mm (21,85in)
755mm (29,72in)
1500mm (59,06in)
810mm (31,89in)
470mm (18,50in)
790mm (31,10in)
2430mm (95,67in)

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

# PROTECTING THE WORLD FROM HIDDEN THREATS!

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.

### 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

### 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

### TECHNICAL DATA

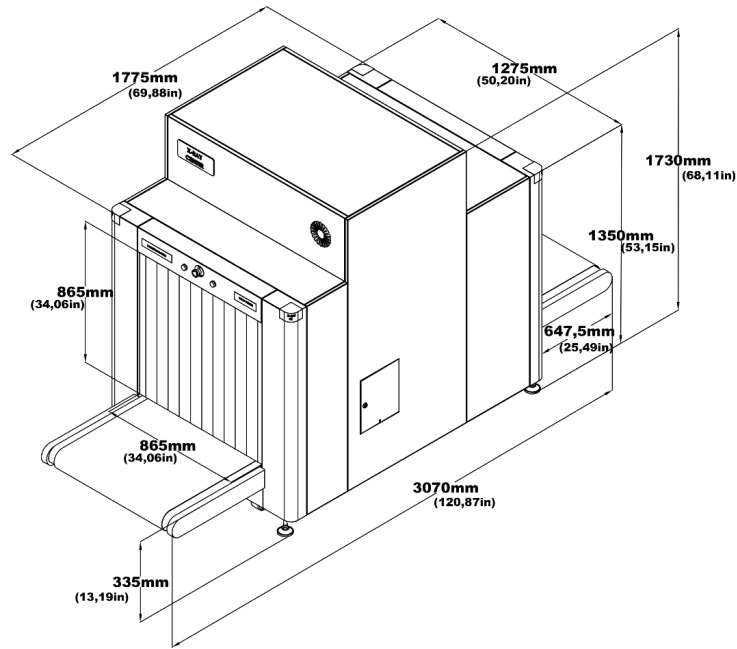#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 37 mm guaranteed; 39 mm typical |
| Wire Resolution * | : 36 AWG guaranteed; 38 AWG typical |
| Anode Voltage | : 180kV, operating at 160kV |
| Tube Current | : 1,0 mA |
| Beam Direction | : Vertically downward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F) Relative Humidity : 0% to 95% non-condensing Duty Cycle 100% (24 Hours), No warm-up required

### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 865 mm x 865 mm |
| (W x H) | : 34,06 in x 34,06 in |
| Dimensions | : 3070 mm x 1275 mm x 1730 mm |
| (L x W x H) | : 120,87 in x 50,20 in x 68,11 in |
| Approx. Weight Unpacked | : ~990 kg ( 2182 lbs.) |
| Conveyor Height | : 335mm (13,19 in) |
| Conveyor Load Capacity | : 200 kg (441 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 8A/4A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

Dimensions (diagram): 1775mm (69,88in), 1275mm (50,20in), 1730mm (68,11in), 1350mm (53,15in), 865mm (34,06in), 647,5mm (25,49in), 865mm (34,06in), 3070mm (120,87in), 335mm (13,19in)

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

# XRC® 85-85DV

## PROTECTING THE WORLD FROM HIDDEN THREATS!

The **XRC® 85-85DV** 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.

### 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

### 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

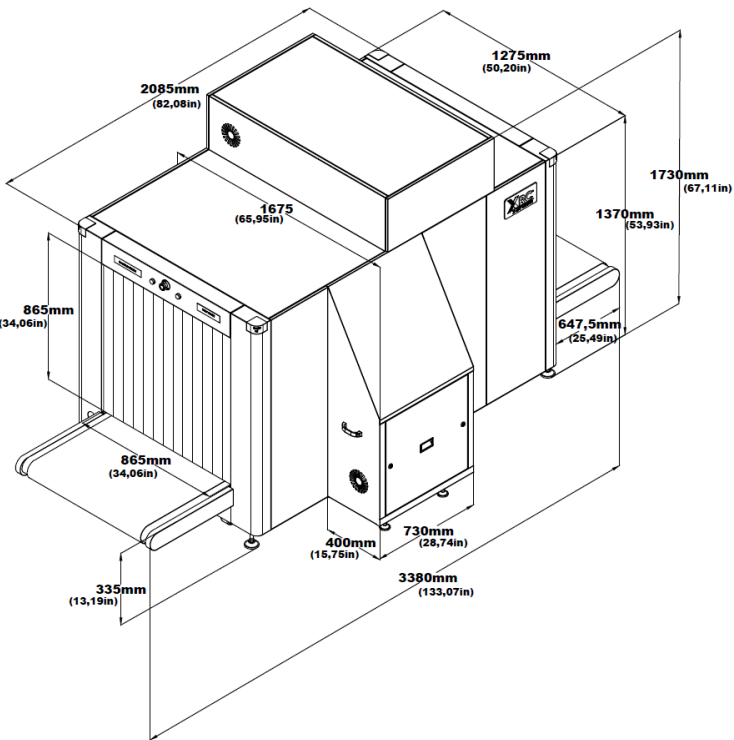### TECHNICAL DATA

#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 37 mm guaranteed, 39 mm typical |
| Wire Resolution * | : 36 AWG guaranteed; 38 AWG typical |
| Anode Voltage | : 180kV, operating at 160kV |
| 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 Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : Dual 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F) Relative Humidity : 0% to 95% non-condensing Duty Cycle 100% (24 Hours), No warm-up required

### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 865 mm x 865 mm |
| (W x H) | : 34,06 in x 34,06 in |
| Dimensions | : 3380 mm x 1675 mm x 1730 mm |
| (L x W x H) | : 133,07 in x 65,95 in x 67,11 in |
| Approx. Weight Unpacked | : ~1150 kg ( 2535 lbs.) |
| Conveyor Height | : 335mm (13,19 in) |
| Conveyor Load Capacity | : 200 kg (441 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 12A/6A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

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

Dimensions (from diagram):
2085mm (82,08in), 1275mm (50,20in), 1730mm (67,11in), 1675 (65,95in), 1370mm (53,93in), 865mm (34,06in), 647,5mm (25,49in), 865mm (34,06in), 400mm (15,75in), 730mm (28,74in), 335mm (13,19in), 3380mm (133,07in)

# 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.

### 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, Bi-Directional Scanning, Emergency Stop Buttons

### OPTIONAL FEATURES

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

### OPTIONAL ACCESSORIES

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

### 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

### TECHNICAL DATA
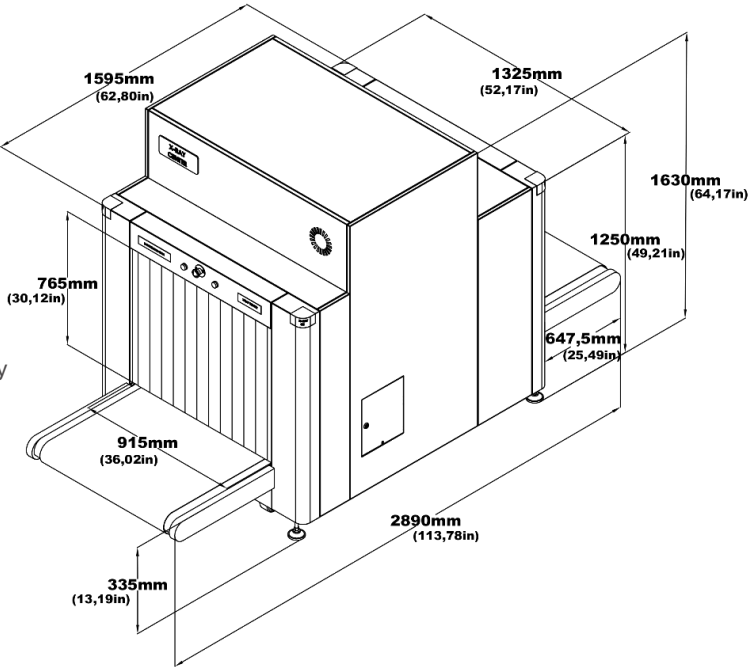
#### X-RAY GENERATOR & IMAGE PERFORMANCE

| | |
|---|---|
| Steel Penetration * | : 35 mm guaranteed; 37 mm typical |
| Wire Resolution * | : 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 Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS

| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

### OPERATING ENVIRONMENT

Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

### PHYSICAL PROPERTIES

| | |
|---|---|
| Tunnel Size | : 915 mm x 765mm |
| (W x H) | : 36,02 in x 30,12 in |
| Dimensions | : 2890 mm x 1325 mm x 1630 mm |
| (L x W x H) | : 113,78 in x 52,17 in x 64,17 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 ± 10% 50/60 Hz, 8A/4A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

1595mm (62,80in)
1325mm (52,17in)
1630mm (64,17in)
1250mm (49,21in)
765mm (30,12in)
647,5mm (25,49in)
915mm (36,02in)
2890mm (113,78in)
335mm (13,19in)

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

# 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.

## 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

## 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

## TECHNICAL DATA

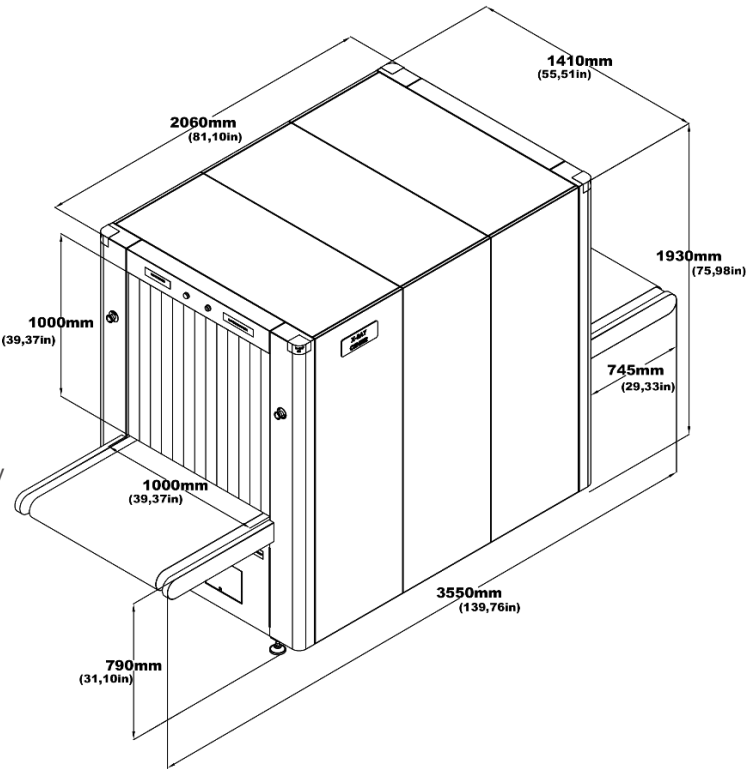### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 37 mm guaranteed; 39 mm typical |
| Wire Resolution * | : 38 AWG guaranteed; 40 AWG typical |
| Anode Voltage | : 180kV, operating at 160kV |
| Tube Current | : 1,0 mA |
| Beam Direction | : Vertically upward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F) Relative Humidity : 0% to 95% non-condensing Duty Cycle 100% (24 Hours), No warm-up required

## PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 1000 mm x 1000 mm |
| (W x H) | : 39,37 in x 39,37 in |
| Dimensions | : 3550 mm x 1410 mm x 1930 mm |
| (L x W x H) | : 139,76 in x 55,51 in x 75,98 in |
| Approx. Weight Unpacked | : ~1150 kg ( 2535 lbs.) |
| Conveyor Height | : 790 mm (31,10 in) |
| Conveyor Load Capacity | : 200 kg (441 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 8A/4A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

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

1410mm (55,51in)
2060mm (81,10in)
1930mm (75,98in)
1000mm (39,37in)
745mm (29,33in)
1000mm (39,37in)
3550mm (139,76in)
790mm (31,10in)

# XRC® 100-100LC

## PROTECTING THE WORLD FROM HIDDEN THREATS!

**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.

**STAC** Approved

### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 1000 mm x 1000 mm |
| (W x H) | : 39,37 in x 39,37 in |
| Dimensions | : 3340 mm x 1410 mm x 1865 mm |
| (L x W x H) | : 131,50 in x 55,51 in x 73,43 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 ± 10% 50/60 Hz, 8A/4A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

### 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

### 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

### TECHNICAL DATA
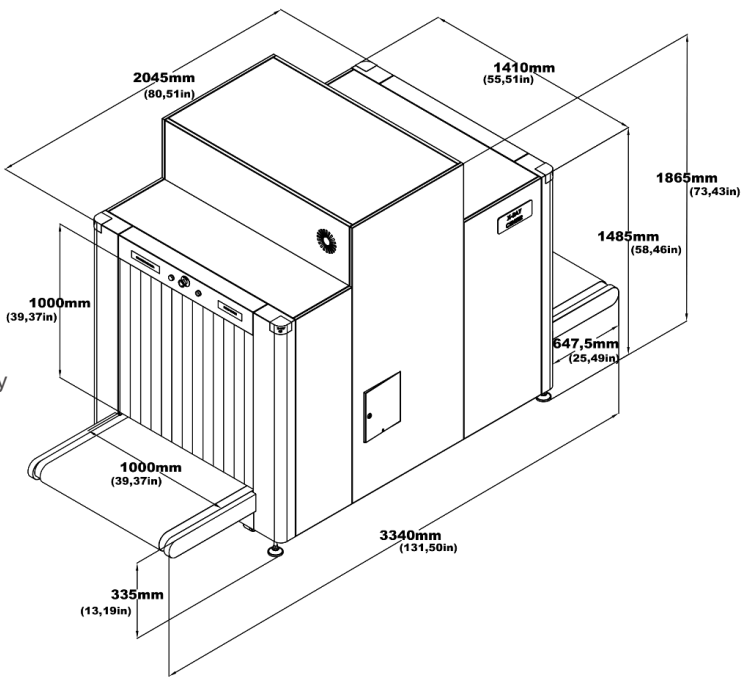
#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 35 mm guaranteed; 37 mm typical |
| Wire Resolution * | : 36 AWG guaranteed; 38 AWG typical |
| Anode Voltage | : 180kV, operating at 165kV |
| Tube Current | : 1,0 mA |
| Beam Direction | : Vertically downward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F) Relative Humidity : 0% to 95% non-condensing Duty Cycle 100% (24 Hours), No warm-up required

2045mm (80,51in)
1410mm (55,51in)
1865mm (73,43in)
1485mm (58,46in)
647,5mm (25,49in)
1000mm (39,37in)
1000mm (39,37in)
3340mm (131,50in)
335mm (13,19in)

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

# XRC® 100-100DV

# PROTECTING THE WORLD FROM HIDDEN THREATS!

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 re-place 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.

### 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

### 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

### TECHNICAL DATA
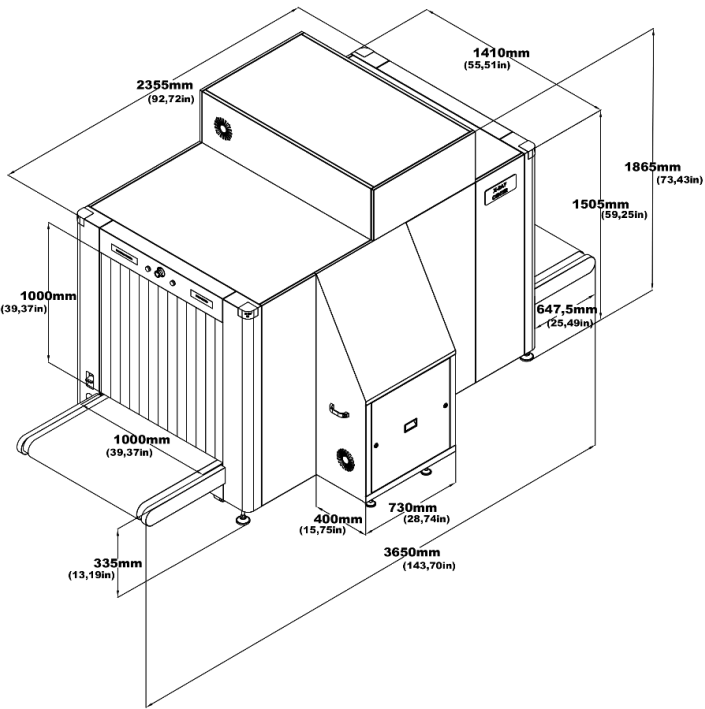#### X-RAY GENERATOR & IMAGE PERFORMANCE
Steel Penetration *  : 37 mm guaranteed; 39 mm typical
Wire Resolution *    : 38 AWG guaranteed; 40 AWG typical
Anode Voltage        : 180kV, operating at 165kV
Tube Current         : 1,0 mA
Beam Direction       : 1st Generator -  Vertically downward
                        2nd Generator - Horizontally sideward
Article Separation   : Low Z, Medium Z, High Z to 0,5 Z Accuracy
                        Organic, InOrganic, Metallic
Cooling              : Oil and forced air cooling

### COMPUTER SPECIFICATIONS
Processor        : Intel® Core™ i5 (or superior)
Monitor          : Dual 21,5" Flat LCD (or superior)
Memory           : 4 GB RAM (or superior)
Video Card       : 2 GB (or superior)
Hard Drive       : 1 TB (or superior)
USB Port         : 6 port (or superior)
Operating System : Linux

### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity  : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

### PHYSICAL PROPERTIES
Tunnel Size          : 1000 mm x 1000 mm
(W x H)              : 39,37 in x 39,37 in
Dimensions           : 3650 mm x 1810 mm x 1865 mm
(L x W x H)          : 143,70 in x 71,26 in x 73,43 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 ± 10% 50/60 Hz, 12A/6A
Conveyor Speed       : 0,20 m/sec. Forward or Reverse

**TSA** Approved

**STAC** Approved

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

Dimensions diagram labels:
- 1410mm (55,51in)
- 2355mm (92,72in)
- 1865mm (73,43in)
- 1505mm (59,25in)
- 1000mm (39,37in)
- 647,5mm (25,49in)
- 1000mm (39,37in)
- 335mm (13,19in)
- 400mm (15,75in)
- 730mm (28,74in)
- 3650mm (143,70in)

# XRC® 100-100HCDV

# PROTECTING THE WORLD FROM HIDDEN THREATS!

**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.

## 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

## 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
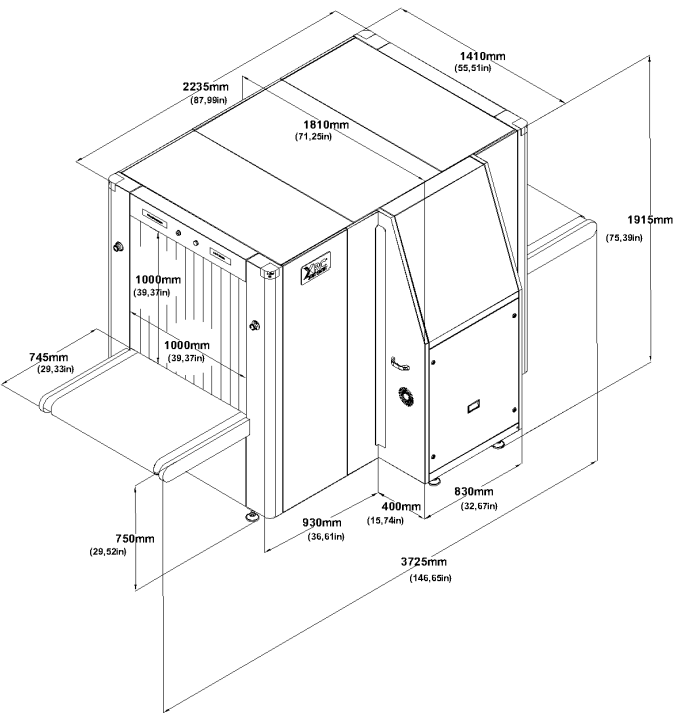
## TECHNICAL DATA
### X-RAY GENERATOR & IMAGE PERFORMANCE

| | |
|---|---|
| Steel Penetration * | : 37 mm guaranteed; 39 mm typical |
| Wire Resolution * | : 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 |
| | Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

## COMPUTER SPECIFICATIONS

| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : Dual 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

## OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

## PHYSICAL PROPERTIES

| | |
|---|---|
| Tunnel Size | : 1000 mm x 1000 mm |
| (W x H) | : 39,37 in x 39,37 in |
| Dimensions | : 3725mm x 1810 mm x 1915 mm |
| (L x W x H) | : 146,65in x 71,25 in x 75,39 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 ± 10% 50/60 Hz, 12A/6A |
| Conveyor Speed | : 0,20 m/sec.-0,50 m/sec. Forward or Reverse |

**TSA** Approved

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

This is the **combine system of x-ray luggage scanner security device and van**. X-ray security device integrated into a van. Due to its mobility, foldable rollers and easy operation, it is frequently used especially at customs gates. It enables easy scanning in places where inspection with fixed devices is not practical. The operator can easily scan the packages from the inside of the vehicle without being exposed to the harsh weather conditions outside the vehicle.
Thanks to the flexible deployment, high resolution image analysis and its Linux operating system, suspicious images can be re-analyzed quickly and conveniently by operators.
It can be easily used in areas where scanning conditions are not ideal.

**XRC® 85-85** 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 and provides the ideal solution for locations where security screening is required like customs, airports, high level events.
XRC® x-ray security device can be modified or customized according to your VAN configuration.
Available also for XRC® 100-100 and XRC® 100-100DV in different vehicle configuration.



**PHYSICAL PROPERTIES**
Tunnel Size : 855 mm x 855 mm
(W x H) : 33,66 in x 33,66 in
Conveyor Height : 230mm (9,05 in)
Conveyor Load Capacity : 200 kg (441 lbs.) Evenly Distributed
System Power : 110/220V AC ± 10% 50/60 Hz
Conveyor Speed : 0,20 m/sec. Forward or Reverse
Approx. Weight Unpacked : ~820 kg (1808 lbs.)

**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**
Bi-directional Scanning, Intercom System, Portable Generator (For all system) 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

**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), Input / Output Rollers, Test Kit (STP/ASTM), Operator Console (Open-Closed/Adjustable/I-stand) 21,5''- 27'' Flat Monitor, Ultrasonic Rat Repellent, Radiation Meter

**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

**TECHNICAL DATA**
**X-RAY GENERATOR & IMAGE PERFORMANCE**
Steel Penetration * : 37 mm guaranteed; 39 mm typical
Wire Resolution * : 36 AWG guaranteed; 38 AWG typical
Anode Voltage : 170kV, 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

# XRC® 85-85VAN

# X-RAY IMAGING SYSTEM

**VEHICLE INTERIOR FEATURES**
Driver seat height adjustable
Adjustable height steering wheel
Air conditioning - Front, filter-air pollen purifier
Power point socket - 2 x 12V
Power point – 150 Watt (230 volt) power converter
Storages - Front door map pockets & Driver's side
Underseat & Overhead
Bottle holder - Twin, 2-litre bottle capacity
Driver seat and two passenger seats

**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 |

**VEHICLE TECNICAL SPECIFICATION**
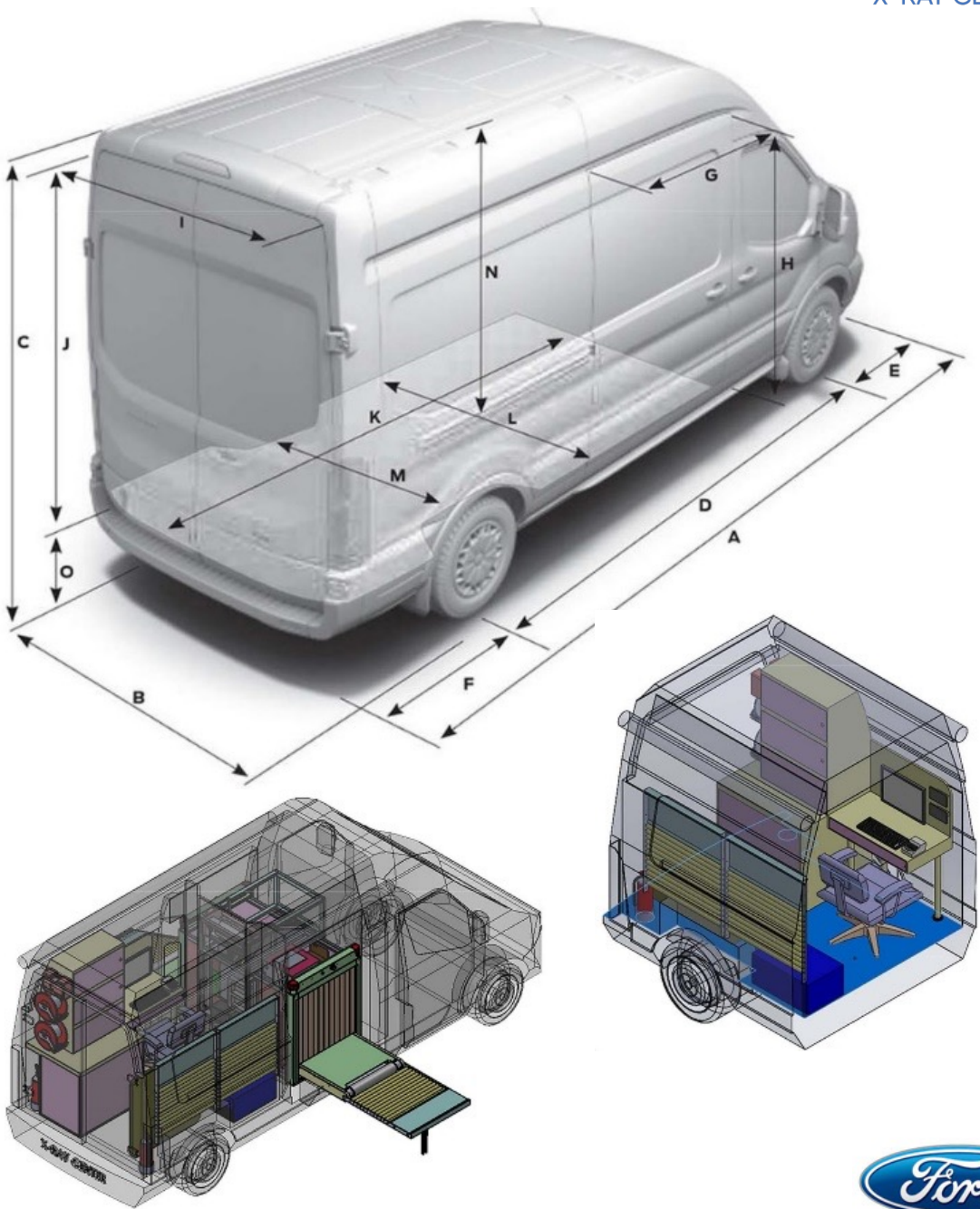| | |
|---|---|
| Engine | : 275Hp, 352Nm max. torque |
| Transmission | : 6-speed (Manual or Automatic) |

**VEHICLE SAFETY FEATURES**
Driver and passenger airbags
Passenger side airbag cut-off switch
Safety Canopy® side-curtain
Side wind stabilization
AdvanceTrac® w/Roll Stability Control™
Tire Pressure Monitoring System (TPMS)
Hill Launch Start Assist
Safety belts

**VEHICLE EXTERIOR FEATURES**
Door mirrors
Halogen head lamps
Front bumper
Side door moldings
Roof marker lamps
Clearance lamps
Rear tail lamp

**VEHICLE DIMENSIONS**
| | |
|---|---|
| A- Overall length | : 5981 mm |
| B- Overall width with mirrors / withou mirrors | : 2059 mm / 2474 mm |
| C- Overall height | : 2530 mm |
| D- Wheelbase | : 3750 mm |
| E- Front of vehicle to rear wheel centre | : 1023 mm |
| F- Rear of vehicle to rear wheel centre | : 1208 mm |
| G- Side door entry width | : 1300 mm |
| H- Side load door entry height | : 1700 mm |
| I- Rear door / Tailgate entry width | : 1565 mm |
| J- Rear door / Tailgate entry height | : 1748 mm |
| K- Maximum loadspace length | : 3533 mm |
| L- Maximum loadspace width | : 1784 mm |
| M- Loadspace between wheel arches | : 1392 mm |
| N- Load floor to roof | : 1886 mm |
| O- Loading | : 592 mm |



**Transit VAN**
**350LF 11.5m³**

**OPERATING ENVIRONMENT**
Storage / Operating Temperature : -20℃ to 50℃ / 0℃ to 40℃
(-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 10% to 90% non-condensing

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

XRC's 180/180DV TSA Approved pallet scanning systems are used in large cargo hubs all around the world. One example is the Smartist Hub operated by Turkish Cargo at Istanbul airport, a massive 340,000 square meter state of the art cargo facility operated by the cargo arm of Turkish Airlines where we have placed several of our TSA approved pallet scanning systems.

The XRC® 180-180DV TSA approved systems are designed with the latest technology and software to scan medium and large packages on a pallet in detail.  The systems offer unique and superior image quality by showing the scanned organic, inorganic and mixed items in different colors thanks to its multi-diode structure and advanced imaging software, all of which were developed in-house by XRC®. Customers such as Turkish Cargo and DNATA use our systems to scan the cargo that they handle. The XRC® 180/180DV systems come in a 200kV generator configuration and an even more powerful 320kV generator configuration.

**XRC**
X-RAY CENTER

# XRC® 150-165

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.

## 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

## 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
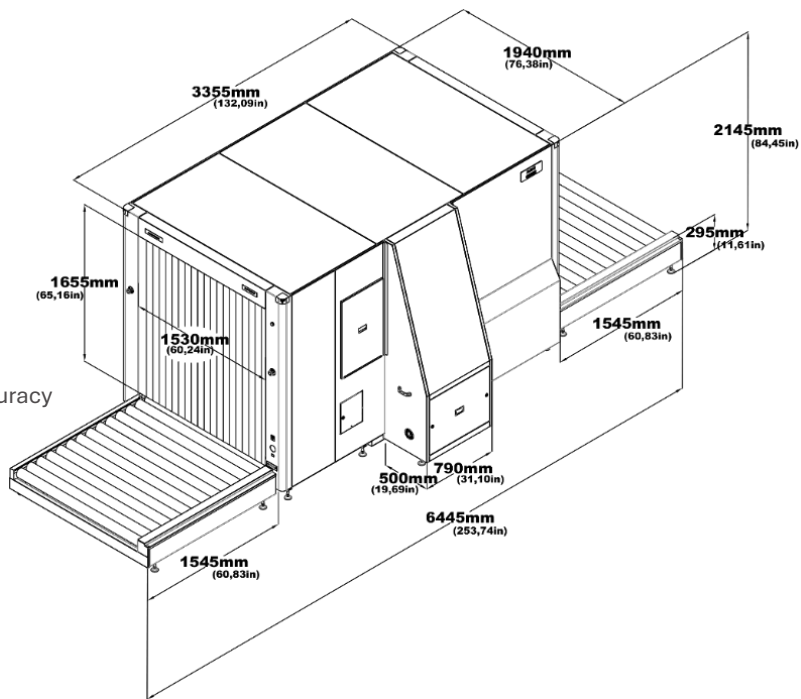
## TECHNICAL DATA

### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 50 mm guaranteed; 52 mm typical |
| Wire Resolution * | : 36 AWG guaranteed; 38 AWG typical |
| Anode Voltage | : 200kV, operating at 200kV |
| Tube Current | : 1,2 mA |
| Beam Direction | : Horizontal/y Sideward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F) Relative Humidity : 0% to 95% non-condensing Duty Cycle 100% (24 Hours), No warm-up required

## PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 1530 mm x 1655 mm |
| (W x H) | : 60,24 in x 65,16 in |
| Dimensions | : 6445 mm x 2440 mm x 2145 mm |
| (L x W x H) | : 253,74 in x 96,06 in x 84,45 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 | : 120/220V AC ± 10% 50/60 Hz, 15A / 8A max. |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

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

# XRC® 150-165DV (200kV)

## PROTECTING THE WORLD FROM HIDDEN THREATS!

**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 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 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.

### 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

### 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
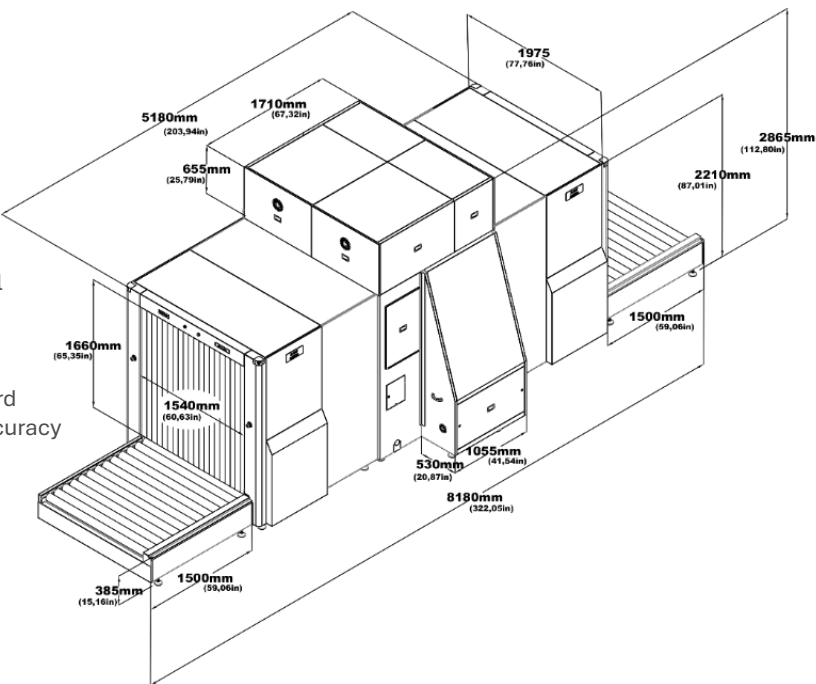
### TECHNICAL DATA

#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 50 mm guaranteed; 52 mm typical |
| Wire Resolution * | : 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 Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : Dual 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 1540 mm x 1660 mm |
| (W x H) | : 60,63 in x 65,35 in |
| Dimensions | : 8180 mm x 2505 mm x 2865 mm |
| (L x W x H) | : 322,05 in x 98,62 in x 112,80 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 | : 120/220V AC ± 10% 50/60 Hz, 15A/8A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

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

# XRC® 150-165DV (320kV)

# PROTECTING THE WORLD FROM HIDDEN THREATS!

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.

**XRC** X-RAY CENTER

### 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

### 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

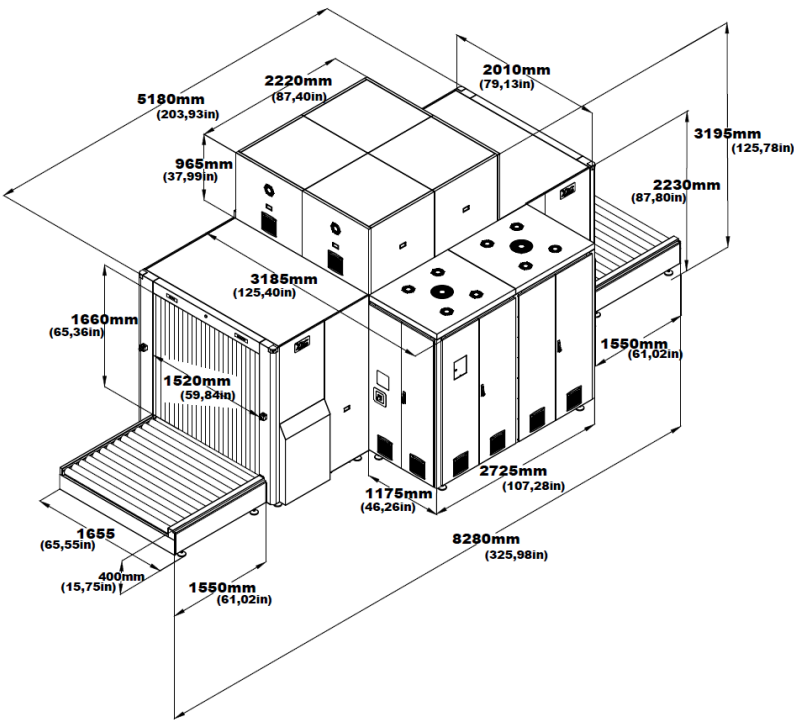### TECHNICAL DATA
#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 75 mm guaranteed; 77 mm typical |
| Wire Resolution * | : 36 AWG guaranteed; 38 AWG typical |
| Anode Voltage | : 320kV, operating at 320kV |
| Tube Current | : 1,0 mA |
| Beam Direction | : 1st Generator  - Vertically downward  2nd Generator - Horizontally sidewar |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Acc  Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : Dual 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F) Relative Humidity  : 0% to 95% non-condensing Duty Cycle 100% (24 Hours), No warm-up required



5180mm (203,93in) 2220mm (87,40in) 2010mm (79,13in) 3195mm (125,78in) 965mm (37,99in) 2230mm (87,80in) 1660mm (65,36in) 3185mm (125,40in) 1550mm (61,02in) 1520mm (59,84in) 1175mm (46,26in) 2725mm (107,28in) 1655 (65,55in) 8280mm (325,98in) 400mm (15,75in) 1550mm (61,02in)

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

### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 1520 mm x 1660 mm |
| (W x H) | : 59,84 in x 65,35 in |
| Dimensions | :  8280 mm x 3185 mm x 3195 mm |
| (L x W x H) | : 325,98 in x 125,40 in x 125,78 in |
| Approx. Weight Unpacked | : ~9500 kg (20944 lbs.) |
| Conveyor Height | : 400 mm (15,75 in) |
| Conveyor Load Capacity | : 3000 kg (6614 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 1p 16A / 3p 7A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

# XRC® 180-180

## PROTECTING THE WORLD FROM HIDDEN THREATS!

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.

### 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

### 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

### TECHNICAL DATA
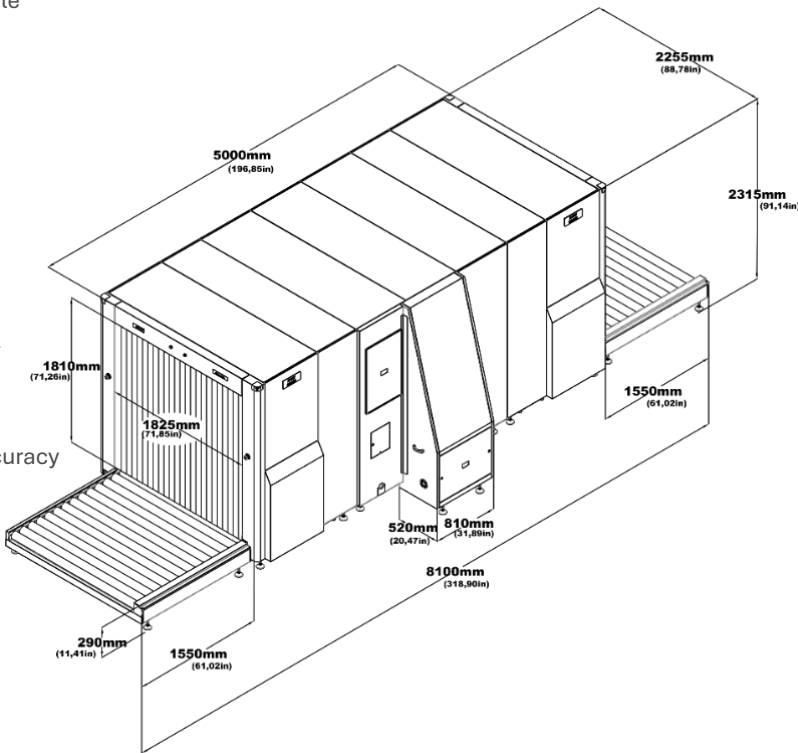
#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 50 mm guaranteed; 52 mm typical |
| Wire Resolution * | : 36 AWG guaranteed; 38 AWG typical |
| Anode Voltage | : 200kV, operating at 200kV |
| Tube Current | : 1,2 mA |
| Beam Direction | : Horizontally sideward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F) Relative Humidity : 0% to 95% non-condensing Duty Cycle 100% (24 Hours), No warm-up required

### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 1825 mm x 1810 mm |
| (W x H) | : 71,85 in x 71,26 in |
| Dimensions | : 8100 mm x 2775 mm x 2315 mm |
| (L x W x H) | : 318,90 in x 109,25 in x 91,14 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 ± 10% 50/60 Hz, 10A/5A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

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

2255mm (88,78in)
5000mm (196,85in)
2315mm (91,14in)
1810mm (71,26in)
1825mm (71,85in)
1550mm (61,02in)
520mm (20,47in)
810mm (31,89in)
8100mm (318,90in)
290mm (11,41in)
1550mm (61,02in)

# XRC® 180-180DV (200kV)

**XRC® 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 .

## 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

## 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
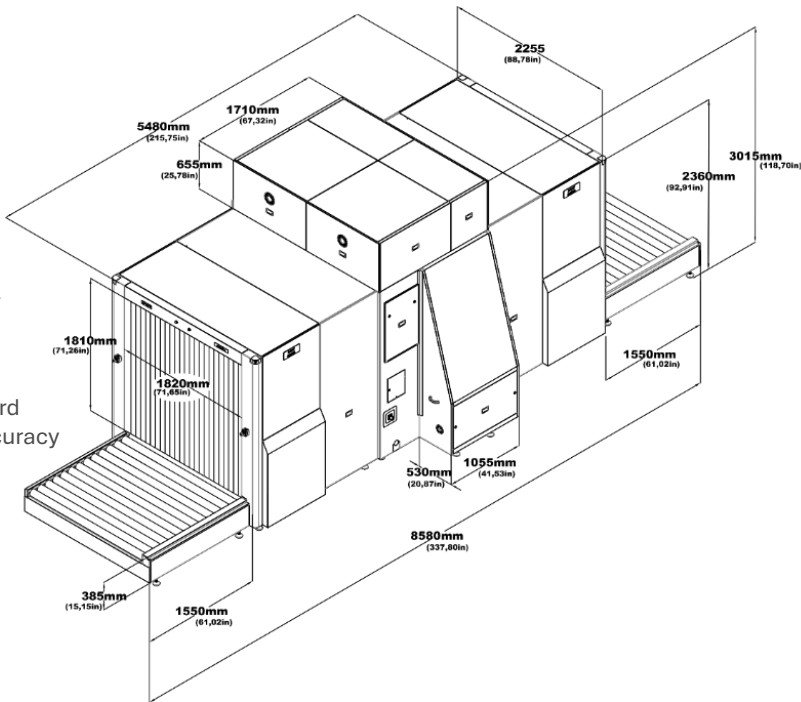
## TECHNICAL DATA
### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 50 mm guaranteed; 52 mm typical |
| Wire Resolution * | : 36 AWG guaranteed; 38 AWG typical |
| Anode Voltage | : 200kV, operating at 200kV |
| Tube Current | : 1,2 mA |
| Beam Direction | : 1st Generator -  Vertically downward  2nd Generator - Horizontally sideward |
| Article Separation | : Low Z, Medium Z, High Z to 0,5 Z Accuracy  Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : Dual 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

## PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 1820 mm x 1810 mm |
| (W x H) | : 71,65 in x 71,26 in |
| Dimensions | :  8580 mm x 2785 mm x 3015 mm |
| (L x W x H) | : 337,80 in x 109,65 in x 118,70 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 | : 120/220V AC ± 10% 50/60 Hz, 15A/8A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |

TSA Approved  STAC Approved

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

# XRC® 180-180DV (320kV)

# PROTECTING THE WORLD FROM HIDDEN THREATS!

**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.

### 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, Bi-Directional Scanning, Emergency Stop Buttons

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

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

### 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

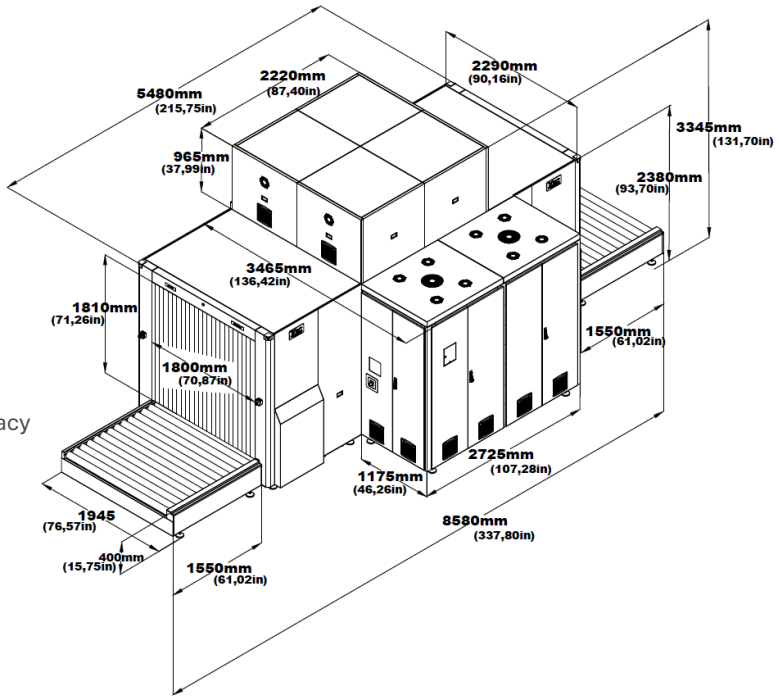### TECHNICAL DATA

#### X-RAY GENERATOR & IMAGE PERFORMANCE
| | |
|---|---|
| Steel Penetration * | : 75 mm guaranteed; 77 mm typical |
| Wire Resolution * | : 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 Organic, InOrganic, Metallic |
| Cooling | : Oil and forced air cooling |

#### COMPUTER SPECIFICATIONS
| | |
|---|---|
| Processor | : Intel® Core™ i5 (or superior) |
| Monitor | : Dual 21,5" Flat LCD (or superior) |
| Memory | : 4 GB RAM (or superior) |
| Video Card | : 2 GB (or superior) |
| Hard Drive | : 1 TB (or superior) |
| USB Port | : 6 port (or superior) |
| Operating System | : Linux |

#### OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

### PHYSICAL PROPERTIES
| | |
|---|---|
| Tunnel Size | : 1800 mm x 1810 mm |
| (W x H) | : 70,87 in x 71,26 in |
| Dimensions | : 8580 mm x 3465 mm x 3345 mm |
| (L x W x H) | : 337,80 in x 136,42 inin x 131,70 in |
| Approx. Weight Unpacked | : ~10500 kg (23149 lbs.) |
| Conveyor Height | : 400 mm (15,75 in) |
| Conveyor Load Capacity | : 3000 kg (6614 lbs.) Evenly Distributed |
| System Power | : 110/220V AC ± 10% 50/60 Hz, 1p 16A / 3p 7A |
| Conveyor Speed | : 0,20 m/sec. Forward or Reverse |



TSA Approved

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

**The XRC® ACS-SVP** is a one of a kind x-ray screening system purpose built for airline food trolleys. Engineered from the ground up, it features a unique detector array that enables complete inspection of trolley contents using an economical dual energy, single view design. Like all systems in the XRC® product line, it delivers high quality imaging, advanced image enhancement, and robust post processing features for exceptional clarity and threat detection. Custom engineered automatic doors replace traditional lead curtains, streamlining the loading process and enabling efficient screening of up to three trolleys per minute.



## 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 ,Trolley 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, Bi-Directional Scanning, Emergency Stop Buttons.

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

## OPTIONAL ACCESSORIES
External UPS (For system), Operator Console (Open-Closed/Adjustable/I-stand) 21,5''- 27'' Flat Monitor, Ultrasonic Rat Repellent, Radiation Meter

## 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
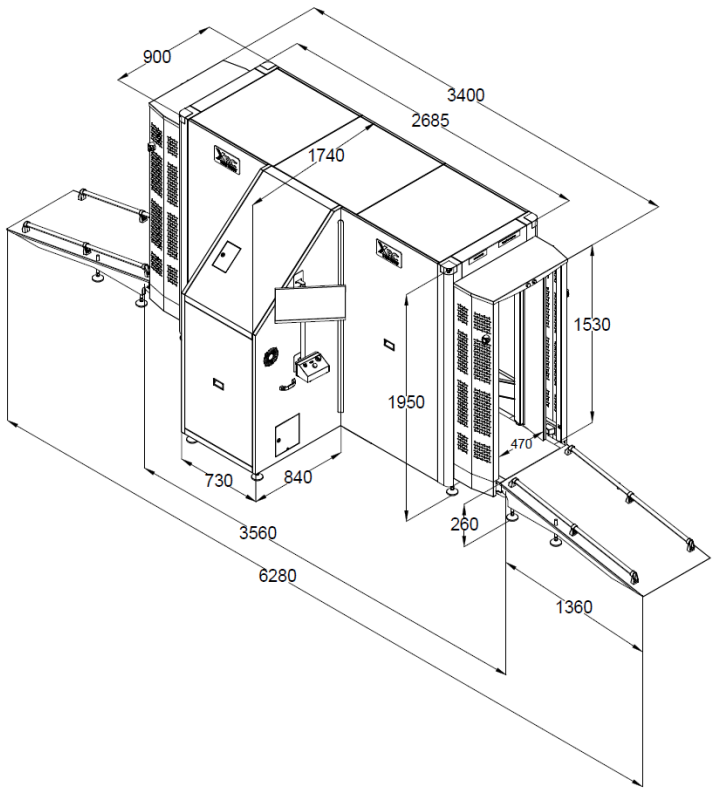
## TECHNICAL DATA
### X-RAY GENERATOR & IMAGE PERFORMANCE
Steel Penetration * : 35 mm guaranteed; 38 mm typical
Wire Resolution * :38 AWG guaranteed; 40 AWG typical
Anode Voltage : 180kV, operating at 160kV
Tube Current : 1,0 mA
Beam Direction : Horizontally Sideward
Article Separation : Low Z, Medium Z, High Z to 0,5 Z Accuracy
Cooling Organic, InOrganic, Metallic
: Oil and forced air cooling

## COMPUTER SPECIFICATIONS
Processor : Intel® Core™ i5 (or superior)
Monitor : 21,5" Flat LCD (or superior)
Memory : 4 GB RAM (or superior)
Video Card : 2 GB (or superior)
Hard Drive : 1 TB (or superior)
USB Port : 6 port (or superior)
Operating System : Linux

## OPERATING ENVIRONMENT
Storage / Operating Temperature : -20°C to 50°C / 0°C to 40°C (-4°F to 122°F / 32°F to 104°F)
Relative Humidity : 0% to 95% non-condensing
Duty Cycle 100% (24 Hours), No warm-up required

## PHYSICAL PROPERTIES
Tunnel Size : 470 mm x 1530 mm
(W x H) : 18,50 in x 60,24 in
Dimensions : 6280mm x 1740 mm x 1950 mm
(L x W x H) : 247,25in x 68,50 in x 76,77 in
Approx. Weight Unpacked : ~1600 kg (3527 lbs.)
Conveyor Height : 260 mm (10,24 in)
Max Object Size : 410 mm x 1480 mm
Conveyor Load Capacity : 200 kg (441 lbs.) Evenly Distributed
System Power : 120/220V AC ± 10% 50/60 Hz, 10A / 5A max.
Conveyor Speed : 0,20 m/sec. Forward or Reverse - 3 Trolleys per minute

## CRATED SHIPPING DIMENSIONS
PL – TOTAL : 2 Crates / GW : 1750kg (3858 lbs.)
Dimensions : 3900 mm x 2000 mm x 2450 mm / 1500kg (3307 lbs.)
(L x W x H) : 153,54 in x 78,74 in x 96,45 in
Dimensions : 1700 mm x 1000 mm x 930 mm / 250kg (551 lbs.)
(L x W x H) : 66,93 in x 39,37 in x 36,61 in



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

XRC® Remote Viewing System allows all XRC® branded x-ray systems to connect to XRM.
This system is used for remote viewing of the XRC® X-ray Machines (XRM), such as viewing the image of the previously scanned baggage, listing and filtering previous scanned images and archives reviewing. The real-time images from the remote XRM can be seen and post-processed.



**REMOTE VIEWING SYSTEM**

**REMOTE VIEWING SYSTEM**

**IP CLOUD LAN**

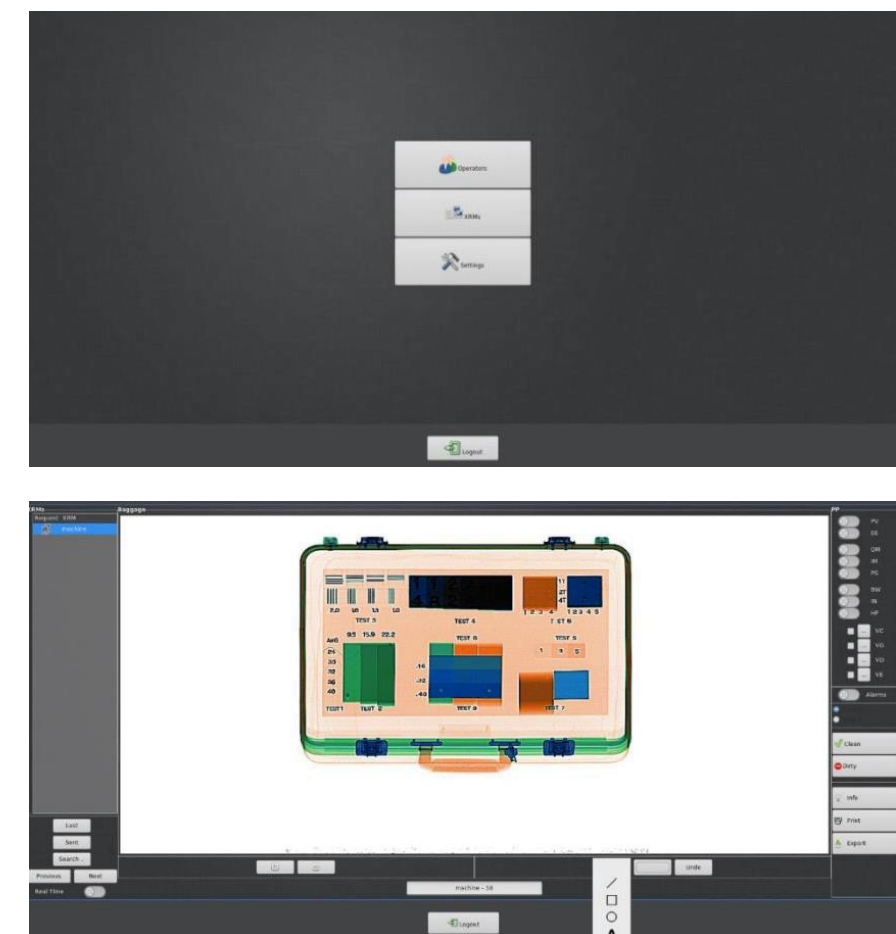*The number of x-ray devices can be increased or decreased.

## System Prerequisites

It has a user-friendly GUI (Graphical User Interface).
The computer can be a Linux or a Windows 10 operating system.
All x-ray machines should be in the same network. XRC® will need a network card.

## This system can do:

· Shows real-time and previous images from the remote XRMs.
· Displaying images from remote XRMs.
· Remote XRMs list can be viewed.
· The baggage screen shows density and organic alarm.
· Post-processing features can be used.
· A note, drawing or zooming can be made and printed.
· Photos can be exported as png, jpeg, bmp formats.
· The remote viewing station gets a notification when the operator marks a suspicious bag.
  An operator can see remote viewing station's approval or rejection.
· In the info section, there are information about luggage like bag number, scanning time,
  density& organic alarms situations, operator name.
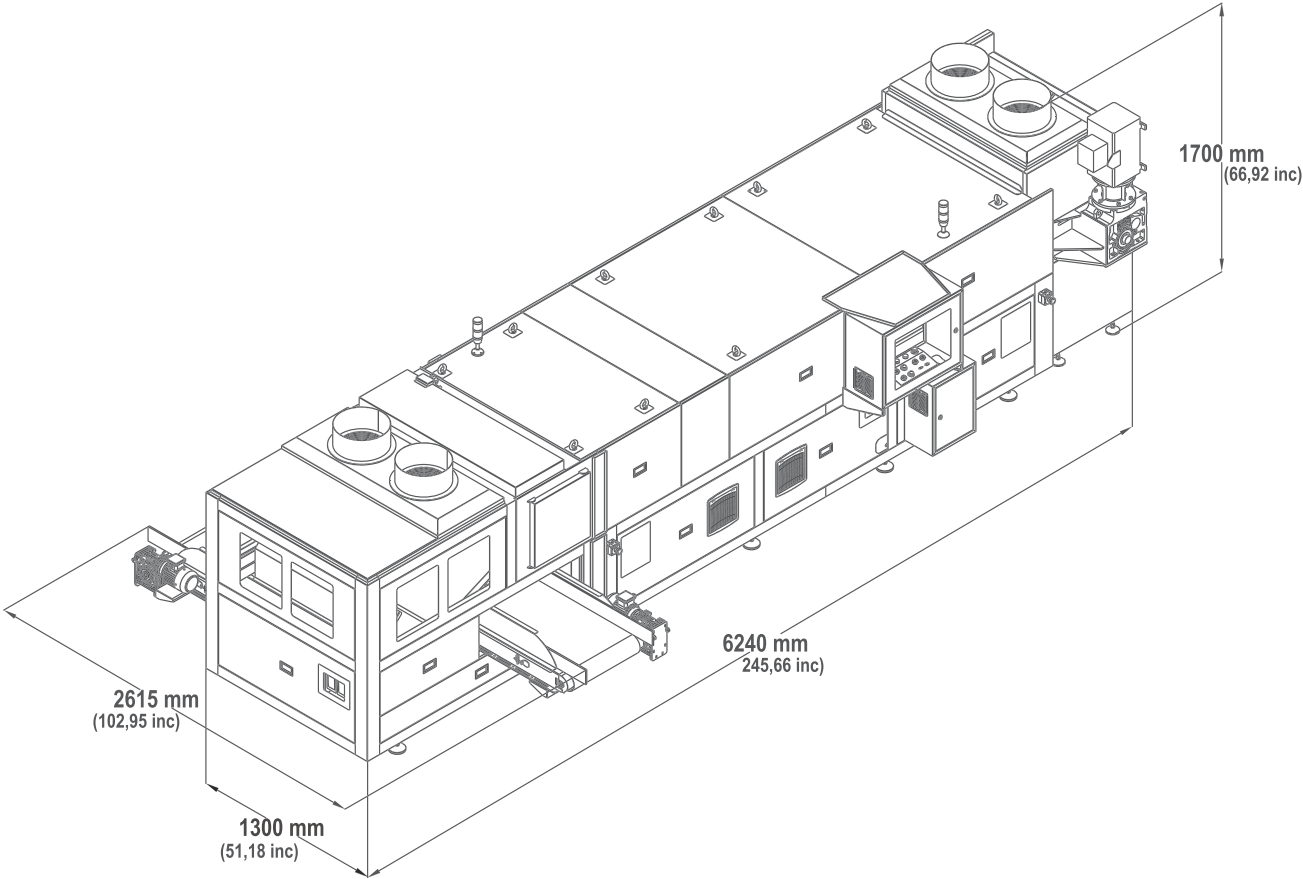
MINE SMARTER, NOT HARDER

## MINE SMARTER, NOT HARDER™

X-Ray Center is excited to announce the launch of our latest innovation, the **XRC® 100-20 MST**, a cutting-edge X-ray precision sorting system designed to revolutionize the mining industry. Building on our expertise in X-ray security screening, this new system utilizes advanced X-ray technology to efficiently and accurately sort mined metals. Our first application focuses on antimony, but the potential of this technology extends to a wide range of metals, including copper, zinc, gold, silver, and rare earth metals. With the XRC® 100-20 MST, we are opening the door to a new era of precision sorting, helping mining companies optimize their operations, reduce waste, and increase yield.

### PHYSICAL PROPERTIES

| | |
|---|---|
| Operational Width | : 1000 mm |
| Dimensions (L x W x H) | : 6240 mm x 2615 mm x 1700 mm |
| Weight | : 3200 kg |
| Electric Power | : 3 Phase, approx. 8 kVA |

### TECHNICAL DATA

#### X-RAY GENERATOR & IMAGE PERFORMANCE

| | |
|---|---|
| Size Range | : 10-30 mm |
| Number of Ejectors | : 175 |
| Working psi | : 8 bar |
| Feed Rate | : Up to 70 t/h |
| Sensor | : X-ray Sensor |



**1700 mm**
(66,92 inc)

**6240 mm**
245,66 inc)

**2615 mm**
(102,95 inc)

**1300 mm**
(51,18 inc)

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

# XRC

## X-RAY CENTER

# x-raycenter.com