

PALLET & CARGO
X-RAY IMAGING SYSTEM

XRC 150-165DV (200kV)



XRC 150-165DV x-ray baggage scanner facilitates the operators use thanks to the various image processing functions, hazard alarm, advanced computer technology and the best in class software with its **200kV** generator source. It makes it extraordinarily easy to detect threats such as cutting tools, explosive narcotics and reduces the rate of error. It provides unique image quality by showing the scanned organic, inorganic and mixed items in different colors thanks to its multi-diode structure and quality in imaging of scanned objects.

It is manufactured with **dual view** (DV) technology. Thanks to its 2 generator sources, it provides high resolution and detailed imaging in horizontal and vertical angles. The visuals can be accessed with a single scan without the need to 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.

TECHNICAL DATA XRC 150-165DV (200kV)

PHYSICAL PROPERTIES

Tunnel Size (W x H)	: 1540 mm x 1660 mm
Dimensions (L x H x W)	: 60,63 in x 65,35 in
Approx. Weight Unpacked	: 8180 mm x 2865 mm x 2505 mm
Conveyor Height	: 322,05 in x 112,80 in x 98,62 in
Conveyor Load Capacity	: ~6100 kg (13448 lbs.)
System Power	: 385 mm (15,16 in)
Conveyor Speed	: 3000 kg (6614 lbs.) Evenly Distributed
	: 120/220V AC \pm 10% 50/60 Hz , 15A/8A
	: 0,20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration ¹	: 50 mm guaranteed; 52 mm typical
Wire Resolution ¹	: 36 AWG guaranteed; 38 AWG typical
Anode Voltage	: 200kV, operating at 200kV
Tube Current	: 1,2 mA
Beam Direction	: 1st Generator - Vertically downward 2nd Generator - Horizontally sideward
Article Separation	: Low Z, Medium Z, High Z to 0,5 Z Accuracy 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	

HEALTH AND SAFETY

All X-Ray Center Ltd products meet all applicable international health and safety regulations.
US FDA Federal Standard 21CFR 1020.40
Health and Safety at Work Act 1974-compliant 6 : Available
Film Safety : ISO 1600 / 33 DIN
CE Compliance : Certified
FCC & IEC Compatibility : Available
IP 20 Safety : Certified
Maximum level of radiation the exterior panels come in contact with is 0.1 mR/hour

OPTIONAL FEATURES

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

OPTIONAL ACCESSORIES

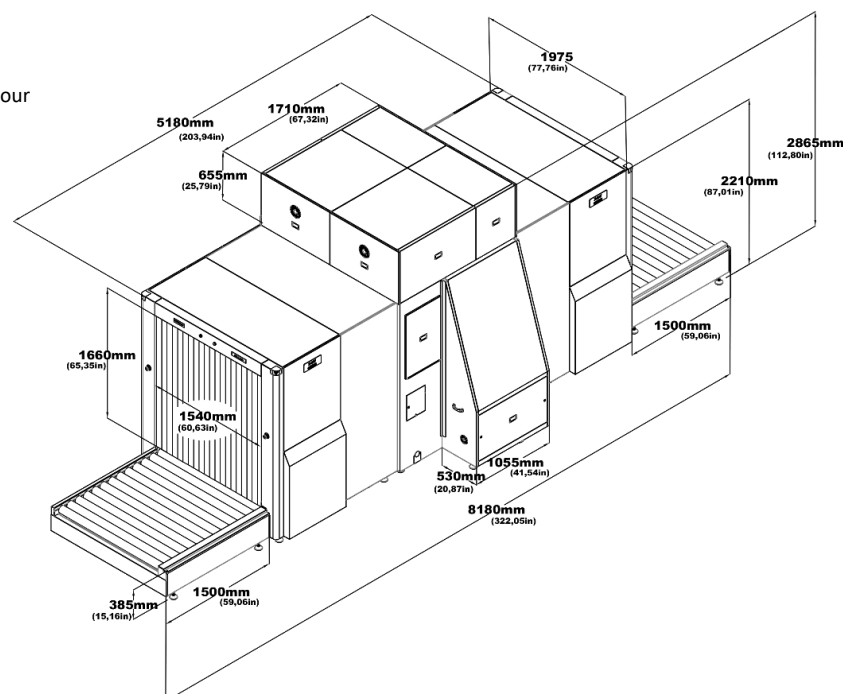
External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
21,5" - 27" Flat Monitor
Input / Output Rollers
Test Kit (STP/ASTM)
Protective Cover
Search Table
Tray Return System (Motorized/Gravity)
Inclined Conveyor
Ultrasonic Rat Repellent
Radiation Meter

STANDARD IMAGE PROCESSING FEATURES

Perfect View (Detail Enhancement) (PV)
Edge Enhancement (EE)
Pseudo Color (PS)
Organic Materials (OM)
Inorganic Materials (IM)
Black & White (B/W)
Inverse Colors (IN)
High Penetration (HP)
Variable Edge Enhancement (+E -E)
Variable Density (+D -D)
Variable Gamma (+G -G)
Variable Color Separation (+C -C)
Zoom (64x)
Sniper Zoom
Recall Previous Images
Manual/Automatic Archive
Annotated Archive
Multi Energy Viewer (4 - 6 Color)
Atomic Number Display (Z Value)

STANDARD FEATURES

Programmable Function Keys
Parcel Counter
Date and Time Display
Virtual Threat Image Projection (TIP)
Organic/Inorganic Threat Alarm
Operator Training Program (OTP)
UPS (For Computer Supply)
Multi Languages
Self Diagnosis
Generator Timer
Automatic Stop Conveyor
Bi-Directional Scanning
Emergency Stop Buttons



¹As 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.

