XRC 90-75

PARCEL & BAGGAGE X-RAY IMAGING SYSTEM

The XRC 90-75 x-ray scanner comes equipped with various image processing functions, advanced computer technology and the best-in-class software. With a low conveyor, this model is designed to provide exceptional imagery, enabling the easy detection of threats.

Compliant with DfT specification ✓

Supplied & Serviced by
www.toddresearch.co.uk

XRC X-RAY CENTER

Todd Research
Detect & Protect

XRC 90-75
TECHNICAL DATA

PHYSICAL PROPERTIES

Tunnel Size	: 915mm x 765mm
(W x H)	: 36.02in x 30.12in
Dimensions	: 2890mm x 1630mm x 1325mm
(LxHxW)	: 113.78in x 64.17in x 52.17in
Approx. Weight Unpacked	: 840kg (1852lbs.)
Conveyor Height	: 335mm (13.19in)
Conveyor Load Capacity	: 200kg (441lbs.) Evenly Distributed
System Power	: 110/220V AC ±10%50/60 Hz, 5amp max.
Conveyor Speed	: 0.20 m/sec. Forward or Reverse

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration	: 35mm guaranteed; 37mm typical
1 Wire Resolution	: 36 AWG guaranteed; 38 AWG typical
1 Anode Voltage	: 180kV, operating at 160kV
Tube Current	: 1.0 mA
Beam Direction	: Vertically downward
Article Separation	: Low Z, Medium Z, High Z to 0.5 Z Accuracy
Cooling	: Oil and forced air cooling

COMPUTER SPECIFICATIONS

Processor	: Intel® Core™ i5 (or superior)
Monitor	: 21.5" Flat(or superior)
Memory	: 4 GB RAM (or superior)
Video Card	: 2 GB (or superior)
Hard Drive	: 1 TB (or superior)
USB Port	: 6 port (or superior)
Operating System	: Linux

OPERATING ENVIRONMENT

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

HEALTH AND SAFETY

All products supplied by Todd Research Ltd 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
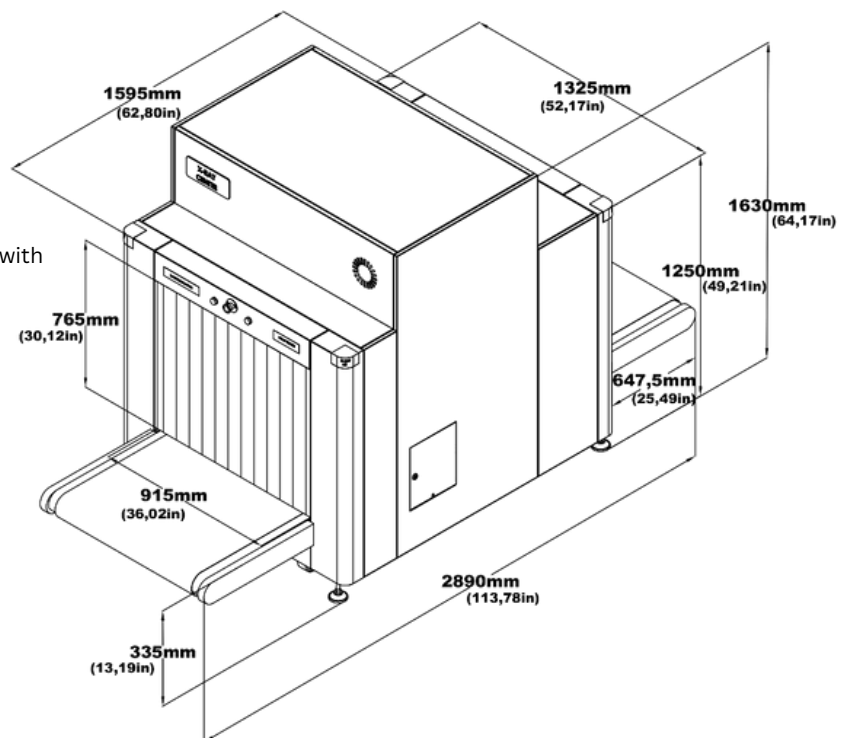Smart Card Login

OPTIONAL EXTRAS

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
Virtual Threat Image Projection (TIP)
Threat Alarm

STANDARD IMAGE PROCESSING FEATURES

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

STANDARD FEATURES

Programmable Function Keys
Parcel Counter
Date and Time Display
Operator Training Program (OTP)
UPS (For Computer Supply)
Multi Languages
Self Diagnosis
Generator Timer
Automatic Stop Conveyor