LARGE PARCEL & FREIGHT
X-RAY IMAGING SYSTEM

XRC 85-85HC

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® 85-85HC** offers unique image quality by showing the scanned organic, inorganic and mixed items in different colors thanks to its multi-diode structure and quality in imaging of scanned objects which is designed with the latest technology system to scan medium and large bags and packages.Institutions ensure that packages are inspected in places where inspection is required, such as high traffic checkpoints, city transportation (metro, ferry, train stations), customs border crossings, prisons, and courier depots like international logistics companies, goods acceptance points and etc.

TECHNICAL DATA **XRC 85-85HC**

PHYSICAL PROPERTIES

Tunnel Size	: 850 mm x 850mm
(W x H)	: 33,46 in x 33,46 in
Dimensions	: 3085 mm x 1230 mm x 1785 mm
(L x W x H)	: 121,46 in x 48,42 in x 70,28 in
Approx. Weight Unpacked	: ~950 kg (2094 lbs.)
Conveyor Height	: 810 mm (31,89 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

X-RAY GENERATOR & IMAGE PERFORMANCE

Steel Penetration [1]	: 37 mm guaranteed; 39 mm typical
Wire Resolution [1]	: 38 AWG guaranteed; 40 AWG typical
Anode Voltage	: 180kV, operating at 160kV
Tube Current	: 1,0 mA
Beam Direction	: Vertically upward
Article Separation	: Low Z, Medium Z, High Z to 0,5 Z Accuracy 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

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
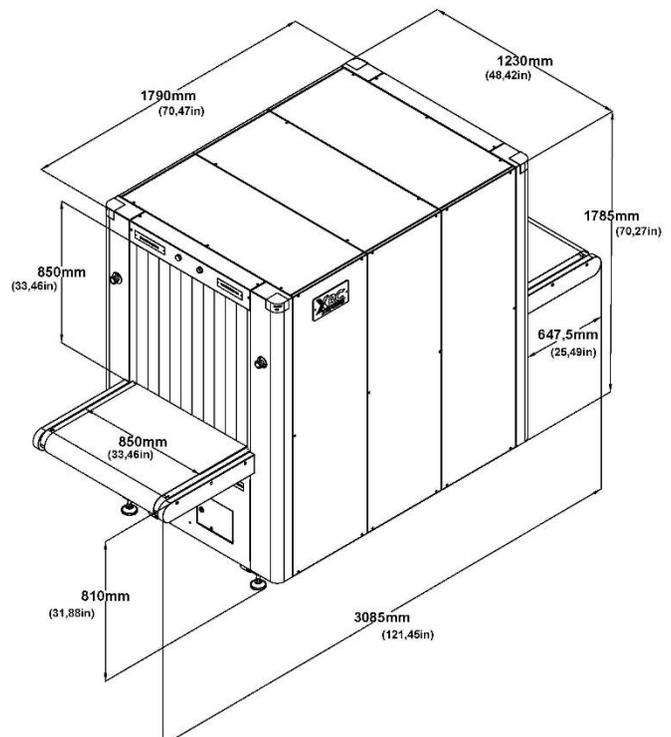Smart Card Login

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

[1]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.

XRay Center Güvenlik Sistemleri A.Ş.
Beylikdüzü OSB. Mah. 10.Cad. No:14 Beylikdüzü 34524, İstanbul – Türkiye
Tel: +90 (212) 422 50 20 Fax: +90(212) 665 13 34

www.x-raycenter.com
info@x-raycenter.com