CCX™ 6.5 X-ray System

Analysed images
" Innovation you can trust "

CCX™ 6.5 X-RAY SYSTEM
Fast accurate threat detection with high performance screening systems designed for environments where space is at premium incorporating user friendly features that are easy to use, reliable and deliver superior imaging quality with an intuitive user-friendly interface.

Screening mail, parcels and baggage for threat items is simple, fast and highly efficient with Analysed Images' range of compact, movable cabinet X-ray systems. Ergonomically designed these systems can be operated by a single, non dedicated user for a wide range of applications and environments.

APPLICATIONS

- EXECUTIVE MAIL
- POSTAL/MAIL ROOMS
- SPECIAL DELIVERY PARCELS
- WEAPONS & CONTRABAND DETECTION
- THEFT PREVENTION
- SECURITY AND GOODS DELIVERY
- PUBLIC RECEPTION AREAS
- POWDER INSPECTION

FEATURES
COMPACT FOOTPRINT (WILL FIT IN A CORNER) ● FULLY ENCLOSED X-RAY CHAMBER ● RELOCATABLE AND MOVABLE IN MINUTES ● FAST RESPONSE TO ENHANCED RISK AREAS ● NETWORK READY ● TIP (THREAT IMAGE PROJECTION) ● X-VISION™ IMAGE ANALYSIS ● REGION OF INTEREST INSPECTION ● LOW MAINTENANCE COST

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SUMMARY OF CCX™ 6.5 X-RAY SYSTEM TECHNICAL & PERFORMANCE DATA

IMAGING AND PERFORMANCE

- Imaging software   X-Vision™
- Image presentation   Black & White and Colour
- Image capture resolution   1.2 to 2.3 megapixels digital image
  capture
- Image display   High definition 19" - 22" TFT flat
  panel
- Resolution (wire detectability)   Up to 44 AWG
- Contrast sensitivity   255 (up to 65.535 grey levels)
- Image storage formats   Industry standard formats including: TIFF, JPEG & BMP
- Network security   Multiple users, multiple authority levels & secure logon
- Computer processor   Intel Dual Core Hyper-threading
- Operating system   Windows 7™
- Memory and storage   4GB RAM. USB 2.0 interface (including image storage)
  120 or 128GB SSD = 50,000 + images (subject to format)
  Optional; 500GB HD
- Penetration (steel)   Single energy 3mm Dual energy 16mm
- Dual energy (optional)   Materials discrimination i.e. Organic/In-Organic and
  other materials (metal)

GENERAL SPECIFICATIONS

- System Dimensions   1580 (H) x 575 (W) x 744 (D) mm
- Inspection chamber dimensions   641 (H) x 520 (W) x 663 (D) mm
- Imaging area (max object size)   513 (W) x 658 (D) mm
- Max object load (evenly distributed)   100kg (low energy) 140kg (multi-energy)
- Power requirements   110 – 230 VAC 50 – 60 Hz
- Construction   Steel with lead liner
- Standard colour and finish   Heavy duty satin interpon 610 boron
  (custom finishes available)

SYSTEM WEIGHTS

- Weight   (low energy)   net 262kg   gross shipping 275kg
  (dual energy)   net 269kg   gross shipping 358kg

X-RAY GENERATOR

- Duty cycle   100% no warm up procedure required
- Cooling   Hermetically sealed oil bath
- Beam orientation & direction   Vertical downward conical
- Detector configuration   High definition fluoroscopic scintillator
- Nominal anode current   1.2mA to 5.0mA
- Nominal anode voltage   90kV (low energy) 50-160kV (dual
  energy)

ENVIRONMENTAL

- Operating temperature   -5˚ to +40˚C
- Storage temperature   -10 to +50˚C
- Humidity   0% to 96% non-condensing
- Airborne noise level   < 30db (A)
- Power usage   135w standby, 530w X-ray exposure