SCANNA

SCANX SCOUT

Digital Image plate
X-ray system

Rugged Portable X-ray System with flexible plates

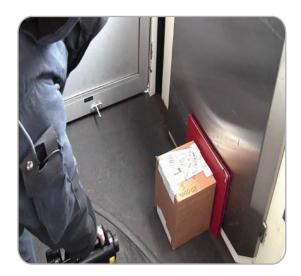**Mobile**

Detail Rich Imaging

Mains or Battery Powered

Multi Size, Flexible Image Plates

SCANX SCOUT

Portable CR X-ray System with flexible plates

Scanna ScanX Scout is the lightest, most portable and rugged CR style x-ray system with flexible image plates for getting into confined spaces or taping onto or around larger surface areas. The imaging plates are available in a range of sizes from 8 x 10" to 14" x 17" as well as custom longer lengths. The optional Quad Plate allows you mount up to 4 Image Plates to check larger targets such as suitcases.

The ScanX Scout scanning device digitally scans the plates in less than 1 minute and you can then analyse, enhance and record the image on the laptop pc using the customised ScanView Security Inspection software.

The ScanX Scout produces extremely high resolution x-ray images up to 50 microns with over 65,000 grayscales making it an invaluable system for those who need to make fast, accurate decisions. The unit is of particular benefit to First Responders, Law Enforcement Teams and Military Units for search and IEDD, Border Guards for vehicle search, for Special Operations and for Security Managers involved in building search and suspicious package clearance in public areas.

X - r a y   g e n e r a t o r s

ScanX Scout comes with three permutations of x-ray generators, dependent upon the requirements of the task and specifications of the job.

Option 1:
XR200 Standard Generator
Applications: Police, General Security, Post Blast Investigation, NDT
Penetration: 0.6 in steel
Pulses per charge: 4,000
Dimensions: 14.5 (l) x 4.5 (w) x 7.5 (h) inches.
Weight : 12lbs with battery

Option 2:
XR150 Lightweight Generator
Applications: Special Forces, Light Duty Applications
Penetration: 0.6 in steel
Pulses per charge: 1,500
Dimensions: 5 (l) x 3.5 (w) x 11 (h) inches.
Weight : 4.4lbs with battery

Option 3:
XRS-3 Heavy Duty Generator
Applications: Military, UXO Inspection, Light Medium Industrial Applications
Penetration: 1 in steel
Pulses per charge: 4,000
Dimensions: 14 (l) x 4.5 (w) x 7.5 (h) inches.
Weight : 12lbs with battery

Rugged Features - Fully rugged, Vibration & drop-shock resistant
MIL-STD 810F and IP54 compliance
CPU - Intel® Core™2 Duo L7400 1.5GHz processor, 667 MHz FSB,
4MB L2 cache
Memory - 1GB DDR2 expandable to 4GB
Storage - SATA 120GB expandable to 250GB
Keyboard - Waterproof membrane keyboard
VGA Controller - Integrated in Intel® 945GM, 128MB shared
memory
Display - 14.1" XGA or 15.0" SXGA+ (1400 x 1050) TFT LCD
Optional touch screen
Optional sunlight readable display
Media Bay - DVD super multi drive
Expansion Slots - PCMCIA Type II x 2 or Type III x 1
Communication Interface - 10/100/1000 base-T ethernet
56K ITU V.92 modem, Intel® PRO/Wireless 3945 a/b/g
Dimensions & Weight
14":12.9" x 10.7" x 1.8", 9.16lbs
15":13.3" x 11.3" x 1.8", 9.9lbs

Standard laptop PC ad other rugged notebook options are available.

Scanview Image processing tools

Inverse polarity/negative image, Pseudo Colors, Sub-Image (select a region of interest), Image Rotate, Mirror and Flip Image, Sharpen Image, Soften Image, Clean Image, Histogram Equalisation, Histocontrast, Adjust Brightness and Contrast, Gamma Correction, 3D/Emboss, Measurement, Grid Overlay, Multiple Undo/ Image Restore, Copy/ Paste, Shaped Regions, Image Stitching

Scanview Software

Select Image Resolution, Erase on/off selection, Reset image processing, X-ray Image Database: Searchable by Name, Date, Category, Place, Filename, X-ray generator, Operator, Create New Incident, Read Incident Notes, Define, Delete Operators, Database backup function, Retrieve image from database, Import Image from windows folder, Export Image as tiff, jpg, bmp to windows folder, 800% zoom, Image Annotation (text and vocal), 1:1 Image printing with notes, Email Image

Image Plates

X-ray images are captured using photo luminescent imaging plates. The Image Plates are flat and flexible and can be used up to 1,000 times. The Image Plates are available in a range of standard and custom sizes.

Standard image plate area

Standard:	8 x 10 in
Medium :	10 x 12 in
Large:	14 x 17in

Custom sizes up to 14 x 35 in

Accessories

Image Plate Cassette (protects the image plate against dirt, scratches)

Rechargeable built in battery pack for use in virtually any setting

Quad Plate (for mounting multiple image plates)

Image Plate Cleaner

SCANX SCOUT

features and benefits

ScanX Scout is the most rugged and portable Computed Radiography (CR) system designed especially for bomb technicians, EOD/IED specialists and other Search and Security Professionals.

With flexible plates allowing operation in very confined areas and offering high resolution images in only 35 seconds ScanX Scout is easy to use - just x-ray your target using the image plate, insert the plate into the scanner, scan and erase in one pass. During processing images are automatically equalized for optimum results.

There's no carousel or clips for image plates to worry about and loading and unloading is easy, even whilst wearing gloves. ScanX Scout requires no separate device for erasing the plates either with its automatic inbuilt erasure facility you can use plates again immediately.

Versatile enough to operate even in direct sunlight ScanX Scout is also robust enough to be used from within its transport case or to be vehicle mounted.

ScanX Scout Image Plate Processor

Range: 50 –130 microns

Resolution in LP/mm: 5

USB data transfer

Automatic image plate erase selection

Dimensions in Softcase: 15.5"(w) x 18 " (l) x 14" (h)

Weight: 43 lbs without battery. 45 lbs with battery

Voltage: 110-240V, 50/60 Hz, 24 Volt DC power Port

Laser Class: 1, compliance with FDA HHS 21 CFR 1040.10 and IEC 60825-1

,

ScanX Scout Quad Plate

Mount multiple image plates on the Quad Plate to x-ray larger items and then use the ScanView Imaging Software to stitch multiple images into a single image.

Due to our policy of continuous design and development, specifcations are subject to change without notice.