

SCANX SCOUT

DATASHEET



Overview

The **ScanX Scout** is a highly versatile portable x-ray solution designed for field security and forensic operations. Using reusable, flexible digital image plates (IPs) and a rugged, battery-powered reader, the system delivers 100–50 micron high-resolution images in as little as 35 seconds.

Available in sizes from 24 cm up to 130 cm, and even cut to custom shapes, IPs adapt to any mission—whether inspecting luggage, vehicles, barrels, or cargo. Multiple plates can be combined in a mosaic layout for large-area scans.

With no electronics inside the IPs, they are lightweight, power-free, and cable-free, making them easy to carry and perfect for ground-level imaging without dead zones. Each plate can be reused over 1000 times, offering a cost-effective, sustainable alternative to traditional film.

Compact, reliable, and field-ready, the ScanX Scout provides rapid, ultra-clear digital imaging for operators who need both mobility and precision in one system.

Features & Benefits

- Fast Set up and X-ray Image Acquisition
- Range of Image Plate Lengths from 24-130cm
- Lightweight, electronic free, flexible x-ray plates
- Mains and Battery Operation
- High Resolution 100 micron Images*
- Compatible with pulsed and CP x-ray sources



Scout Processor



X-ray Image Plates



TECHNICAL INFORMATION

Parameter	Scout Processor
Dimensions	39 [w] x 44.5 [l] x 35 [h] cm
Weight	21 kg with battery, 19.5kg without
Resolution*	Vertical: 3.8 to 5.0 lp/mm Horizontal: 3.8 to 7.0 lp/mm
Pixel Pitch	300 to 100 microns
Laser Class	1, compliance with FDA HHS 21 CF1040.10 and IEC 60825-1
Data Transfer	USB
Power	Mains or 4 hour battery [24DC]

Parameter	X-ray Image plates*
Standard Sizes	35 x 43 cm [14 x 17"] [Standard]
	25 x 30 cm [10 x 12"] [Medium]
	18 x 24, 20 x 25 cm [8 x 10"] [Small]
Longer Length	35 x 90 cm [14 x 36"]
	35 x 130 cm [14 x 51"]
Plate Accessories	Flexible Cassettes, Protective Covers, Rigid Carbon, Fibre Cassettes, FlexRay Cassettes

*ScanX Scout is compatible with standard and high resolution x-ray image plates. Image resolution achieved will vary according to the type of image plate used.

Flexray Image Plate Mounting System

The **Flexray** Image Plate Mounting system allows the examination of large objects by combining multiple image plates. This reduces time in the target area by checking large surfaces with a single X-ray shot. Standard plates can combine from two to nine plates, and longer plates can combine two or three together, covering over 1 m² in one exposure. **Flexray** kits include stiffened canvas cassettes, Velcro fastenings, guy lines, eyelets, carabiners, and suction cups, providing flexibility to free-stand, hang, or attach plates around the target.



X-ray Generator & Viewing Options

ScanX Scout operates with any of the Golden XR pulsed x-ray generators and other CP x-ray sources. Select from a range of semi rugged and fully rugged Windows Tablets and Laptops. Operates with proprietary **Scanview** Imaging Software and/or **XTK** imaging software [for Govt approved users].



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