

Technical Specification

Features	TactX	Flatscan15 XS	Flatscan30 XS
Sensor Type	aSi	Linear diode array	Linear diode array
Resolution - AWG / lp / mm	4.16	40 / 1.25	40 / 1.25
Dynamic Range (Grey Levels) - bits	120	16	16
Active Area - mm / in diag.	246 x 307 / 10 x 12	307 x 230 / 15.1	615 x 460 / 30
Maximum Penetration			
- guaranteed - mm / in of steel mm . in of steel		30 / 1.2 (CP120B) 40 / 1.6 (CP160B)	30 / 1.2 (CP120B) 40 / 1.6 (CP160B)
- optimised mm / in of steel mm / in of steel	35 / 1.3 (CP120B) 45 / 1.7 (CP160B)	35 / 1.4 (CP120B) 45 / 1.8 (CP160B)	35 / 1.4 (CP120B) 45 / 1.8 (CP160B)
Number of covered sides	3 (left, bottom, right)	3 (left, bottom, right)	3 (left, bottom, right)
Dead zone - mm / in	4.6 / 0.15 (from bottom) 15 / 0.59 (from side)	5 / 0.2 (from bottom) 7 / 0.3 (from side)	5 / 0.2 (from bottom) 7 / 0.3 (from side)
External Dimensions - mm / in	327.3 x 285.6 x 18.65 / 12.87 x 15.15 x 0.7	425 x 320 x 25 / 16.3 x 15.6 x 1	665 x 628 x 25 / 26.2 x 24.7 x 1
Weight - kg / lbs	2.6 / 4.4	3.5 / 7.7	5.7 / 12.6
Operating Temp - °C / °F	-20 to +50 / -4 to +122	-10 to +50 / +14 to +122	-10 to +50 / +14 to +122
Storage Temp - °C / °F	-20 to +65 / -4 to +149	-10 to +65 / +14 to +158	-10 to +65 / +14 to +158
Communication Protocols	Bluetooth / Wifi or cable driven (optional)	Bluetooth / Wifi or cable driven (optional)	Bluetooth / Wifi or cable driven (optional)
Worth with	CP120B / CP160B / LiteX X-ray generators	CP120B / CP160B / Litex X-ray Generators	CP120B / CP160B / Litex X-ray Generators
Imaging Station	Notebook, toughbook, tablet, toughpad	Notebook, toughbook, tablet, toughpad	Notebook, toughbook, tablet, toughpad

Portable X-ray Systems

in partnership with



The Flatscan30 XS offers the largest detection surface in the world



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Threat from suspect devices is not exclusive to any one sector, consequently over many years Todd Research has built an enviable reputation partnering with organisations as diverse as Government, Embassies, Global Banking, Pharmaceutical, Oil & Gas, Legal, Media, Facilities Management, Retail and many more. Call Todd Research to understand how we can help protect you, your personnel and assets.

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Flatscan15 XS

Lightweight, compact, and straightforward handling are the key factors that led to the design of the FLATSCAN15 XS. Developed in conjunction with bomb disposal experts, the FLATSCAN15 XS weighs just 3.5 Kg and is truly compact. Combined with the CP120B/CP160B X-Ray generators, it is the ideal choice for inspections in areas that are difficult to reach.



Flatscan30 XS

With a 30" detection area, the FLATSCAN30 XS features the biggest detection surface on the market. With its larger inspection zone, the FLATSCAN30 XS will enable operators to assess the level of risk of most suspect packages in just one single X-Ray shoot. Developed in conjunction with bomb disposal experts, this detector has been specifically designed to be the most ergonomic and user-friendly digital panel on the market.



TactX

Lightweight, compact, straightforward handling and high resolution image definition are the key factors that led to the design of the TactX package. The TactX x-ray detector weighs just 2.6kg and is truly compact. Combined with Teledyne ICM X-ray generators (CP120B, CP160B or LiteX), it is the ideal choice for inspections in narrow places or areas that are difficult to reach.

Flatscan15 XS / Flatscan30 XS / TactX Features

Histogram	Automatic Image enhancement Filter (magic wand)
Super Power Zoom up to 500%	Emboss
Reverse black & white	Side by side comparison
Pseudo Colour	Materials Separation
Deep Focus	Image Sharing
Low battery alarm	Image tilting and rotation
X-ray source parameters adjustable	ROI (region of interest) enhancement
Touch Screen software	Unlimited Users

CP120B / CP160B / Litex X-ray Generator

These ultra-light, compact and battery operated constant potential portable X-Ray generators are the perfect tool for specific NDT applications that require repetitive short exposures. Their versatility also makes them the ideal piece of equipment for security applications. In fact, in combination with the FLATSCAN15 XS, the FLATSCAN30 XS and other digital X-Ray detectors, the CP120B / CP160B will – thanks to their small focal spot and constant potential X-Ray output – enhance image quality and definitely contribute to a reduced exposure time.

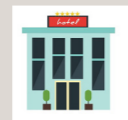
The Teledyne ICM LITEX is a rugged x-ray generator with a small focal spot size for better images; it gives EOD and Bomb Squad operators higher resolution images than available with pulsed systems, and has a much longer working life. This constant potential "CP" generator will improve images taken with virtually all portable digital flat-panel or film-based systems.



Law Enforcement
Government
Buildings



Embassies &
Consulates
VIP Residences



Hotel Complexes
Shopping Centres



Travel &
Transport



Public Event
Venues &
Stadiums



Fast
Set-up



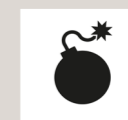
IP 54
Water Resistant



Ultra
Lightweight



User Friendly
Interface



Developed by
EOD Teams

Tried and tested technology, that has been designed for reliability and rapid deployment.