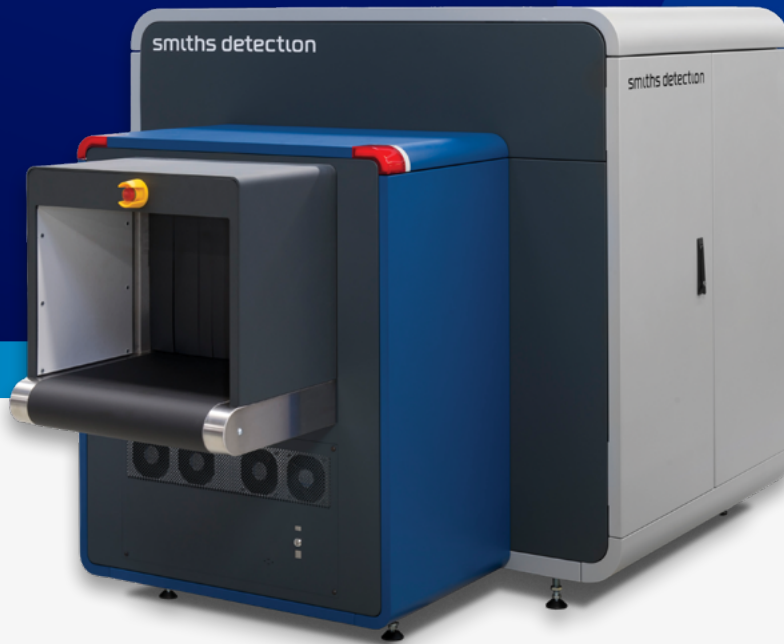


HI-SCAN 6040 CTiX Model S

→ Next Generation CT Screening at the Checkpoint



The **HI-SCAN 6040 CTiX** sets the standard for checkpoint screening — advancing threat detection, simplifying operations, and delivering certified performance you can trust.

Key Benefits

- Automatic explosives detection and object recognition
- Easy integration — including into 3rd party equipment
- Low energy consumption
- Minimal noise levels — zero vibration
- Award winning user interface
- Latest information security features and controls
- Broad international approval and certification
- Optimised weight and footprint of the Model S

- ECAC EDS CB C3 approved: no need to remove electronic devices or liquids up to 2000 ml from cabin baggage

Addressing Critical Issues

Airports are under increasing pressure at the checkpoint. Passenger volumes are rising. Threats are evolving. Staffing is constrained. And travellers expect a fast, seamless experience — without compromising safety.

Traditional X-ray systems are no longer enough to balance these competing demands. Manual bag checks, inconsistent image interpretation, high tray volumes and secondary inspections create

bottlenecks that impact throughput, cost and passenger satisfaction.

The **HI-SCAN 6040 CTiX Model S** addresses the core operational and security issues airports face every day.

By harnessing advanced Computed Tomography (CT) technology, the system generates high-resolution, real-time 3D images, enabling operators to make faster, more confident decisions – reducing unnecessary bag checks and improving detection performance.

Easy Integration

The HI-SCAN 6040 CTiX offers easy integration into existing Smiths Detection and third-party checkpoints, supporting the development of open architecture solutions.

Transforming the screening equipment into a single, intelligent solution, through integration into an advanced screening and management platform such as Checkpoint.Evo^{plus}, not only produces essential operational data, but also supports functions such as centralised screening and directed search.

Checkpoint.Evo^{plus} provides the realtime data needed for efficient resource allocation and to identify and remove bottlenecks in the screening process.

With the Model S of HI-SCAN 6040 CTiX and its reduced width and weight, applications with space limitations can be better served.

Award Winning Interface

The user interface of the HI-SCAN 6040 CTiX received the 2020 Red Dot Award for fast and intuitive 3D image evaluation.

Fast, accurate operation enhances security and shortens queues.

Optimised Power Supply and Consumption

The HI-SCAN 6040 CTiX comes with a single-phase power supply 120 / 230V, enabling easy installation at airports in the USA, the APAC region and around the world.

The low energy consumption of 2.8 kVA allows for savings of anything between 5% to 20% when compared to alternatives.

Low Noise – Zero Vibration

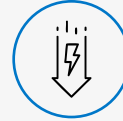
Checkpoints are often located alongside each other which can be very noisy. The HI-SCAN 6040 CTiX alleviates the problem with its very low noise level of under 60dB(A) plus zero vibration, helping to maintain a more pleasant environment for both passengers and staff.



EASY
INTEGRATION



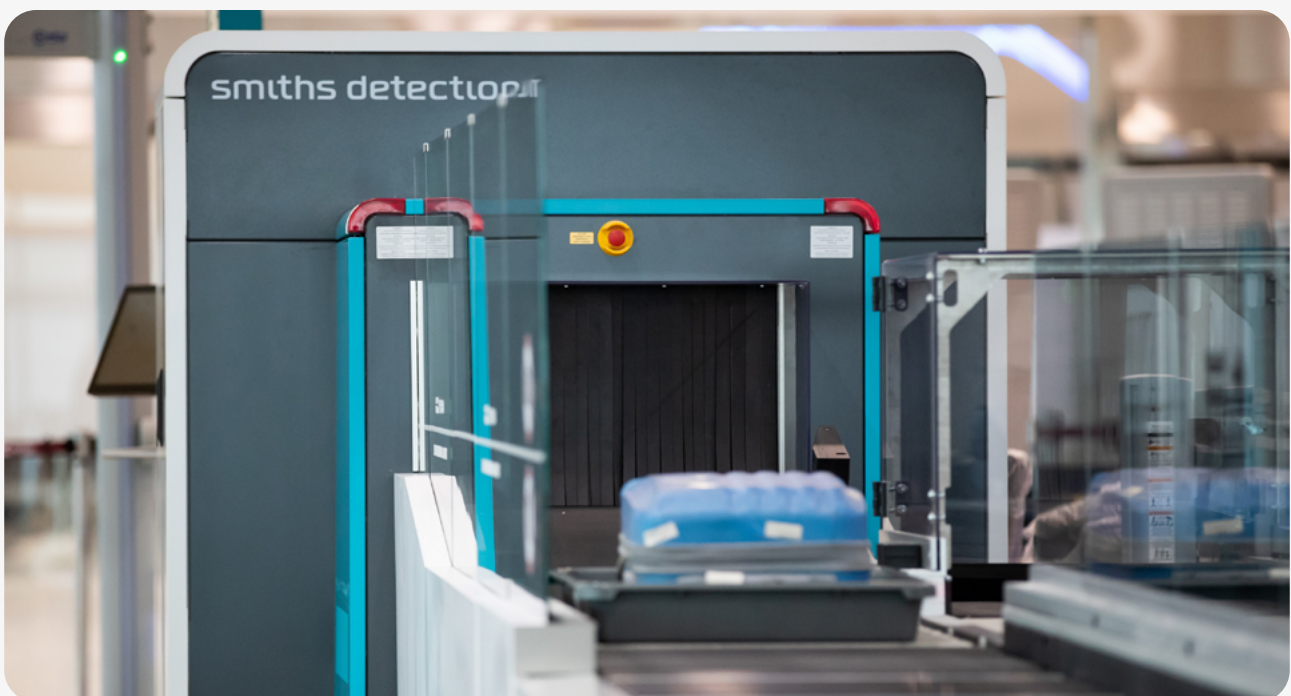
AWARD
WINNING
INTERFACE



LOW
POWER
CONSUMPTION



LOW NOISE
– ZERO
VIBRATION



ISO 27001 certification and annual audits ensure Smiths Detection product development, production and business processes consistently follow the highest information security standards, ensuring customer data and assets are well protected from cyber-attacks.

Extensive Certifications

The HI-SCAN 6040 CTiX and the updated Model S use rotating CT, the only scanner technology to gain ECAC EDS CB C3 approval and also the only one likely to meet future regulatory requirements. In addition to both models achieving C3, they are also STAC, ENAC and DFT approved; and have TSA APSS v6.2 Level 1 certification since May 2025.



Information Security Best Practices

The HI-SCAN 6040 CTiX also includes the latest data security features and controls including operating system hardening and a host-based firewall to block unwanted network traffic. TripWire security controls monitor system integrity, raising an alert if unauthorised changes are detected. Sensitive data is also protected by strong

encryption algorithms. Individual certificates are created to enable access to the software by technicians.

Expertise and Experience

Airports, airlines and authorities around the world trust Smiths Detection to deliver best-in-class aviation detection and screening technology. We have over 70 years experience and the largest installed base of systems worldwide — the HI-SCAN 6040 CTiX is the market leading checkpoint CT scanner with over 2000 units sold.



MORE TO COME

With the list of prohibited items detected by iCMORE expanding to include, for example, sharp and blunt objects, these algorithms will facilitate a more automated screening process in the future. Especially when combined with automatic explosives detection systems, such as the HI-SCAN 6040 CTiX, they can enable "alarm-only viewing" of X-ray images at checkpoints. In addition to increasing security levels, this will also reduce operational expenditure and improve throughput.



If you would like to know more about HI-SCAN 6040 CTiX and how we help make the world a safer place, please get in touch at: www.smithsdetection.com



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Smiths Detection is a global leader in threat detection and security screening technologies, dedicated to making the world a safer place. We provide advanced solutions for aviation, ports and borders, urban security, defence and the circular economy.

Our cutting-edge technologies ensure the safety of people and infrastructure. Backed by over 70 years of experience, a global footprint, and a commitment to innovation, Smiths Detection is trusted by governments, airports, and security agencies worldwide. From tailored training to lifecycle service support, we help customers to meet their operational demands and adapt to evolving threats with precision, reliability, and integrity.