

# HI-SCAN™ 6040 CTiX Model S

## CT TECHNOLOGY AT THE CHECKPOINT



### Feature Highlights

- Automatic explosives detection and object recognition
- Fast 0.2m/s belt speed
- Low energy consumption
- Minimal noise/zero vibration
- Optimized weight & footprint

### Certifications/ Approvals:

**Europe: ECAC EDS CB C3 approved**

**USA: TSA CPSS certification (Detection Standard APSS v6.2 level 1) planned**

**France: STAC approval planned**

**Italy: ENAC approval planned**

**Israel: IPMO approval planned**

Leveraging the latest Computed Tomography (CT) technology, the HI-SCAN 6040 CTiX Model S passenger checkpoint scanner delivers increased productivity; lower operating costs; and the highest standards of security (ECAC EDS CB C3 approval. STAC EDS CB C3 approval and TSA APSS 6.2 Level 1 certification are planned).

The overall screening process is streamlined to improve security outcome, operational efficiency and the customer experience. Eliminating the need to remove electronic devices, liquids and gels from hand luggage reduces the number of trays and speeds up divesting. A 0.2m/s conveyor belt drives throughput and high quality and 3D X-ray images help operators to make fast and accurate decisions. The HI-SCAN 6040 CTiX Model S user interface received the 2020 Red Dot award for fast and intuitive 3D image evaluation.

In addition to automatic explosives detection algorithms, the optional iCMORE automated object recognition software enables the HI-SCAN 6040 CTiX Model S to detect an expanding list of prohibited items including guns and knives.

The latest data security features and controls ensure customer data and assets are well protected from cyber-attacks. They include operating system hardening, a host-based firewall and strong encryption algorithms. System integrity is constantly monitored for unauthorised changes.

Due to the considerable reduction in width by 20cm and weight by 350kg, the HI-SCAN 6040 CTiX Model S is easily integrated into existing Smiths Detection and third-party checkpoints as well as checkpoints with size and layout limitations. It has a single phase 120/230V power supply for installation in Europe, the USA, APAC region and around the world. At 2.8 kVA, energy consumption is reduced by 5%-20% compared to other scanners in this class. Noise levels under 60dB(A) plus zero vibration help maintain a more pleasant checkpoint environment.

### Technical Data

Dimensions • weight 3300 (L) x 1470 (W) x 1624 (H) [mm] • approx. 2099 kg  
129.9" (L) x 57.9" (W) x 63.9" (H) • approx. 4628 lbs

Operating temperature 0° - 40°C

Power supply CT single phase 230 VAC +10% / -15% • 50 Hz / 60 Hz ± 3 Hz, 16 A  
single phase 120 VAC +10% / -15% • 50 Hz / 60 Hz ± 3 Hz, 30 A

Tunnel dimensions 620 (W) x 420 (H) [mm] • 24.4" (W) x 16.5" (H)

Conveyor speed 0.2 [m/s]

Sound pressure < 60 dB(A)

Max. conveyor load even distributed 160 kg (352 lbs)

External dose rate  $\leq 1 \mu\text{Sv/h}$  (0,1 mrem)

Humidity 10% - 90% (not condensing)

### Additional Features

Operator Training Software <sup>1)</sup>

Full Integration into Checkpoint.Evo<sup>plus</sup>

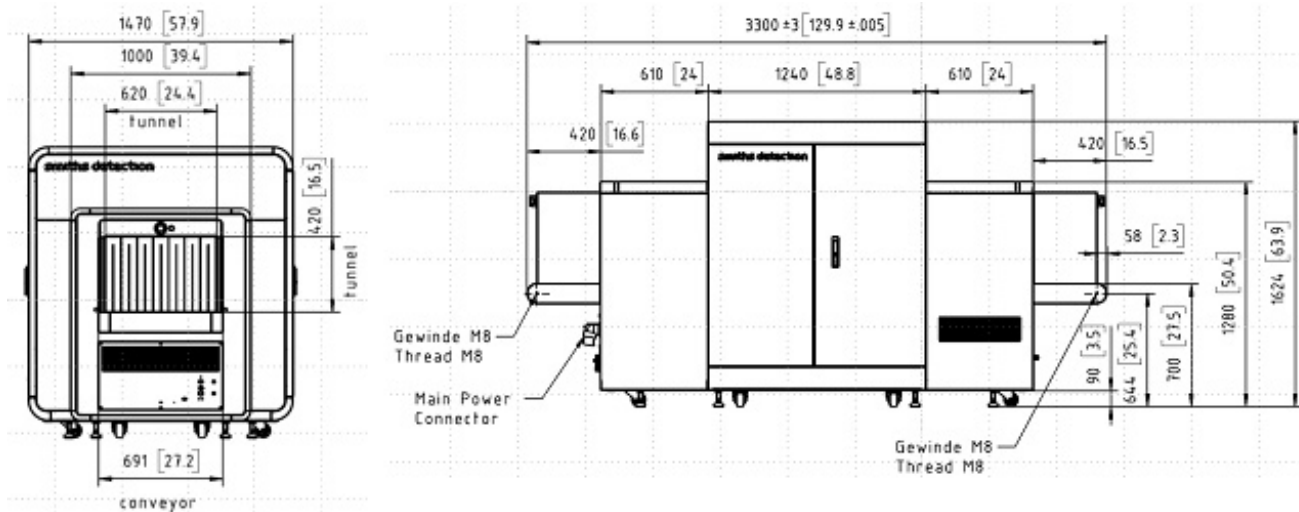
3D TIP <sup>1)</sup>

Compatibility with aTiX Checkpoints

### Optional Features

iCMORE

<sup>1)</sup> Requires Heimann Management Server HMS or integration with Checkpoint.Evo<sup>plus</sup>



red dot winner 2020  
interface design

For product information, sales or service, please go to [www.smithsdetection.com/locations](http://www.smithsdetection.com/locations)

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