

# HI-SCAN™ 6040 CTiX

## COMPUTED TOMOGRAPHY (CT) FOR THE CHECKPOINT



### Feature Highlights

- Highest throughput and belt speed (0.2 m/s) - over 1000 bags per hour capability
- High detection rate and low false alarm rate due to MAT technology
- Easily integrates into existing checkpoints (120 V and 220 V options)
- Optimised for size, weight, noise and power consumption at airport checkpoint installations
- ECAC EDS CB C3 approved and TSA AT-2 TIER II certified

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TSA AT-2 TIER II certified in the USA

HI-SCAN 6040 CTiX is the first system from Smiths Detection to offer Computed Tomography (CT) technology for checkpoint hand luggage screening. It was developed to deliver higher levels of security whilst also optimising checkpoint performance through improved productivity, higher throughput and lower costs.

The advanced detection capability offered by CT, eliminates the need to remove electronic devices and liquids from hand baggage (EDS CB C3 regulatory standards) which will expedite screening and make the process more passenger friendly. Simply handling fewer trays can significantly increase checkpoint throughput,

The CT gantry rotates at a constant speed as the baggage is carried through on the conveyor belt. It spins around the bag taking hundreds of views at slightly different angles and then reconstructs the raw data into volumetric 3D images in real time. The comprehensive data collected is used to make more precise measurements and very accurate judgements on substances within the bag.

With a belt speed of 0.2 m/s, an optimum size and a very low noise level, the HI-SCAN 6040 CTiX is compatible with current state-of-the-art security checkpoints. For example, the HI-SCAN 6040aTiX can be replaced by the HI-SCAN 6040 CTiX, using existing software and hardware components. To meet increasing demands for efficiency, HI-SCAN 6040 CTiX also easily integrates with Checkpoint.Evo<sup>plus</sup> to support centralised, remote screening and directed search; and also deliver management data.

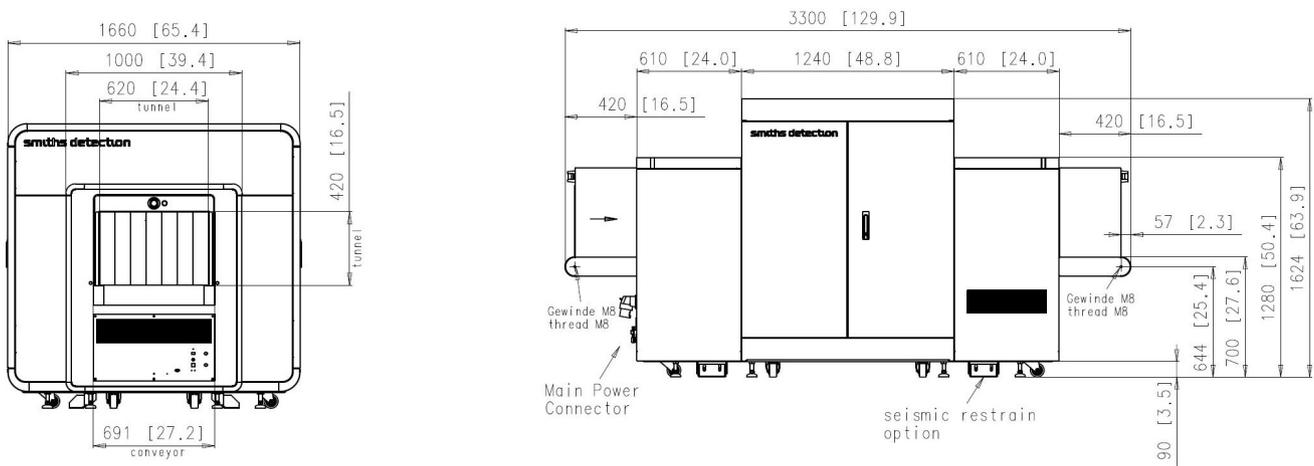
### Technical Data

<b>Dimensions • weight</b>	3300 (L) x 1670 (W) x 1670 (H) [mm] • approx. 2450 kg 129.9" (L) x 65.7" (W) x 65.7" (H) • approx. 5401 lbs
<b>Operating temperature</b>	0° - 40°C
<b>Power supply CT</b>	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
<b>Tunnel dimensions</b>	620 (W) x 420 (H) [mm] • 24.4" (W) x 16.5" (H)
<b>Conveyor speed</b>	0.2 [m/s]
<b>Sound pressure</b>	< 60 dB(A)
<b>Max. conveyor load even distributed</b>	160 kg (352 lbs)
<b>External dose rate</b>	≤ 1 µSv/h (0,1 mrem)
<b>Humidity</b>	10% - 90% (not condensing)

### Additional Features

<b>Operator Training Software</b> <sup>1)</sup>
<b>Full Integration into Checkpoint.Evo<sup>plus</sup></b>
<b>3D TIP</b> <sup>1)</sup>
<b>Compatibility with aTiX Checkpoints</b>

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



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

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