

Automated Screening Powered by HALO X-ray Diffraction

HALO's revolutionary HXT264 X-ray diffraction (XRD) system brings real-time automated inline alarm resolution capability to the checkpoint. As the ONLY system available at checkpoint, it is designed to work seamlessly with existing CT systems to deliver:

- *The highest detection performance*
- *The lowest number of time-consuming false alarms*
- *High checkpoint throughput and critical screening capacity*

HALO's integrated CT/XRD solution has previously been deployed at Boston Logan Airport, is currently operating at Copenhagen Airport, and will soon be at Amsterdam Schiphol Airport, demonstrating XRD's capability to deliver significant value to airport screening operations.

HALO's fully integrated CT/XRD lanes can deliver a ~4-fold reduction in false alarm rate



Item	Specification
Generator / Detector	200kv / Energy dispersive
Materials detection	Automatic / Programmable
Conveyor	Multiple rollers Removable / Adjustable Variable speed to 0.3m/s Tray/bin operation
Systems control	DICOS / HALO API / EOS API / TSA OPSL
Electrical	220v / 8A single wall socket (110v configurable)
Dimensions	2m x 1.2m x 1.4m (l*w*h)
Inspection tunnel	0.6m x 0.4m (w*h)
Weight	~1,200kg ± 5%



Integrated ConneCT/HALO solutions developed with ongoing support of Analogic Corporation



Contact us to learn how HALO's XRD solutions can add automated alarm resolution to your checkpoint screening operations.