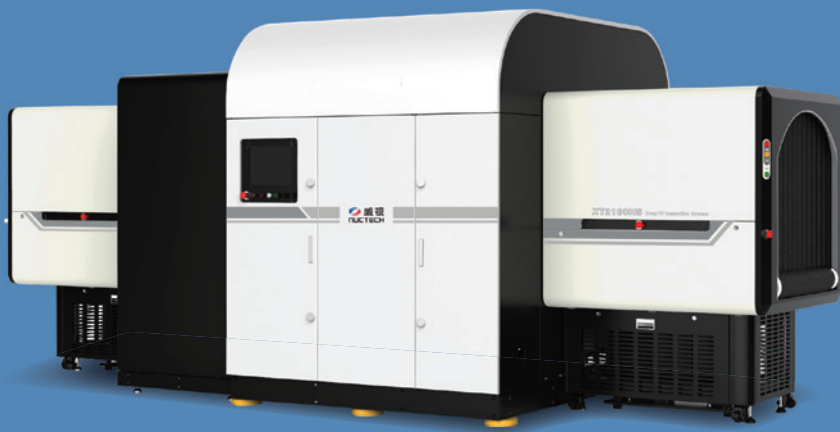


NUCTECH™ XT2100HS

X-ray CT Inspection System

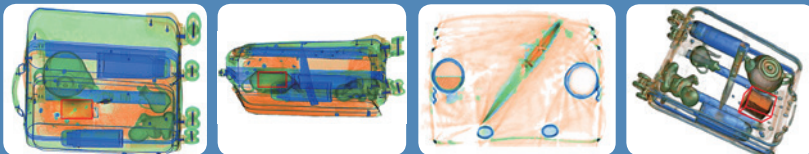


Creating a safer world



The NUCTECH™ XT2100HS is a newly developed CT (Computed Tomography) inspection system developed by NUCTECH COMPANY LIMITED. The system innovatively combines dual-energy material discrimination technology with spiral CT technology. With multidimensional information acquired by the system, it automates explosives / liquid explosives/ narcotics detection and alarms with a higher probability of detection and lower false alarm rates.

Designed with a larger tunnel size and a higher throughput, the XT2100HS is an ideal security solution for airports, Customs, transportation stations, government buildings, public activities, etc.



Technical Features

- The throughput is up to 1800BPH (0.5m/s). Meter-wide tunnel satisfies most checked baggage inspection and BHS integration requirements and applies to various scenes.
- Discriminating different materials and detecting various contraband like explosives and narcotics with higher probability of detection and lower false alarm rate, achieved CAAC and ECAC EDS Std. 3.
- Inspecting objects in 360 degrees free of blind corners and identifying the contraband more easily with a more intuitive image.
- Easier to detect the contraband concealed in interlayers or placed in a particular angle.
- Generates high-resolution DR images in two different angles and displays tiny thin objects like matches and lighter cores more easily.
- Customized design according to BHS manufacturer's interface protocol, capable of integrating and communicating with any brand of BHS manufacturers.
- With the dual-energy CT technology, material information is acquired to colorize different materials with different colors in 3D images.
- Achieving the TIP in 3D images and providing effective methods for training and evaluating operators.
- Realizing remote resolutions, operations and diagnoses and sharing the data between different areas with the help of cloud computing technology.
- Modular design enables easy replacement of key components and convenient maintenance, reducing time and labor.
- Exclusively providing 3D image processing functions such as 3D measurement, 3D mark, 3D super penetration, etc., helping making decisions more effectively and efficiently.

