



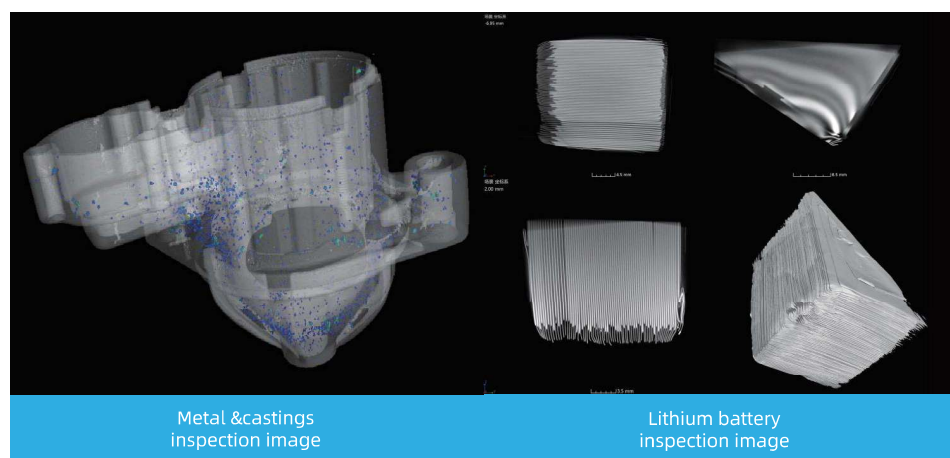
UNCT2600

High-precision Industrial CT Detection System

APPLICATION

The UNCT2600 is one compact industrial CT inspection system that offers high precision and can be utilized across various industries to meet their specific inspection requirements. It is primarily employed for small metal castings, non-ferrous metals, lithium battery cells, chips, electronic components, rock samples, cores, soils, fossils, composite materials, biological samples and other detection purposes.

X-RAY IMAGE



Metal & castings inspection image

Lithium battery inspection image

Technical Parameters and Specifications

System Parameters

Footprint	3550*1750*2400mm
Machine weight	7000KG
Power Consumption	9kW
Maximum Inspection Area	Φ600*600mm
Maximum Loading Weight	30KG
Power supply	380AC/50Hz
Radiation dose	< 1μSv/h

X-Ray Tube

Voltage	225kV
X-Ray Tube Type	Opened
Focal Spot Size	< 4um

Imaging Detector

Detector	Amorphous Silicon
Pixel Matrix	3072*3072
Pixel Size	139μm
Effective Detector Area	427*427mm

Functional Characteristics

- Functions: DR And CT dual imaging detection function. 3D scanning, data reconstruction and analysis.
- Safety: High level protection, radiation dose far lower than the national standard, multiple security measures;
- Operation: User-friendly design of the control system, easy to operate, after a short training can be mastered;
- Precision : High-precision mechanical transmission system, advanced image processing and analysis software, high detection accuracy.

MACHINE FOOTPRINT

