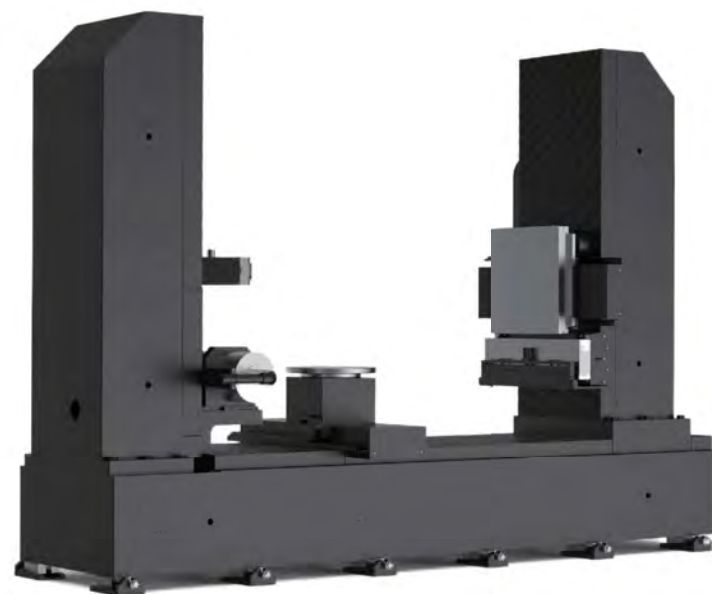




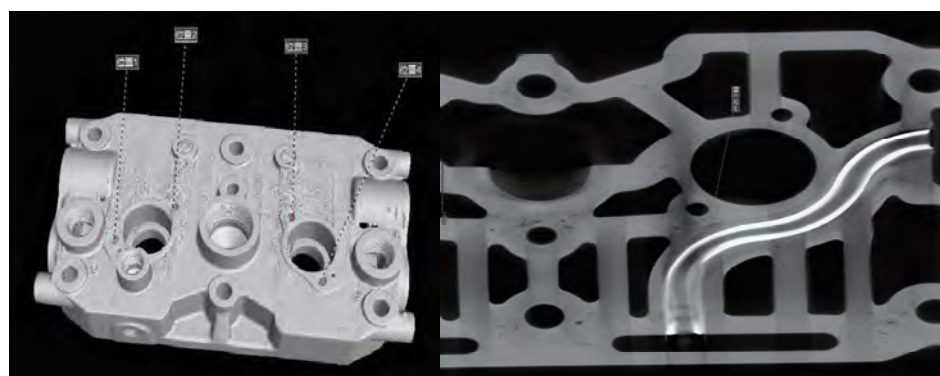
UNCT3300-A

All-around Industrial CT Detection System

APPLICATION

The UNCT3300A 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

Technical Parameters and Specifications

System Parameters

Footprint	3300*1230*2600mm
Machine weight	8T
Power Consumption	15kW
Maximum Inspection Area	Φ800*1000mm
Maximum Loading Weight	100KG
Power supply	380AC/50Hz
Radiation dose	< 1μSv/h
X-Ray Tube	
Voltage	225kV
X-Ray Tube Type	Split Tube
Focal Spot Size	0.4/1.0mm (EN12543)
Imaging Detector	
Detector	Amorphous Silicon
Pixel Matrix	3072*3072
Pixel Size	139μm
Effective Detector Area	427*427mm

Functional Characteristics

- Defect Detection;
- Wall thickness analysis;
- CAD Comparison;
- Metrology/three-coordinate measurement;
- Fiber Composite Material Analysis;
- Transfer phenomenon;
- Structural mechanics simulation;
- Reverse Engineering.

MACHINE FOOTPRINT

