

3D CT

Ultra-high resolution for large substrates
Nanofocus 3D X-ray CT System

XVA-160□520



A dynamic high-end model with large size and nano-order analysis

•World-class 3D oblique CT technology

High-precision mechanical mechanisms and high-resolution algorithms as a pioneer in 3D oblique CT technology, leads from invisible to visible.

•Eucentric mechanism

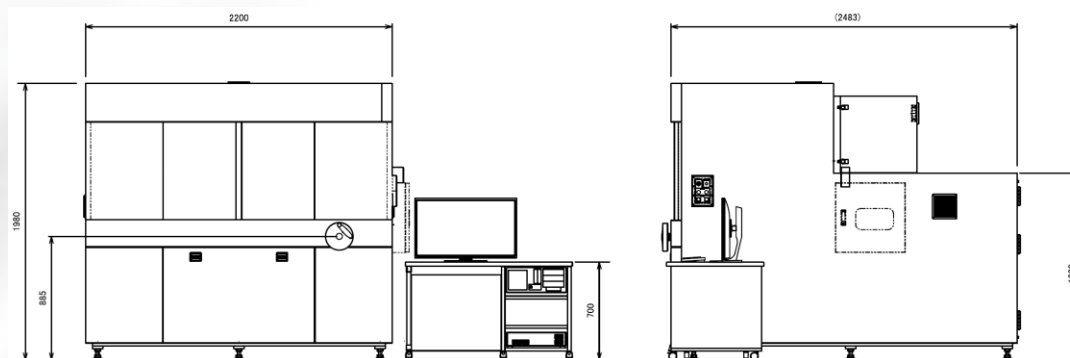
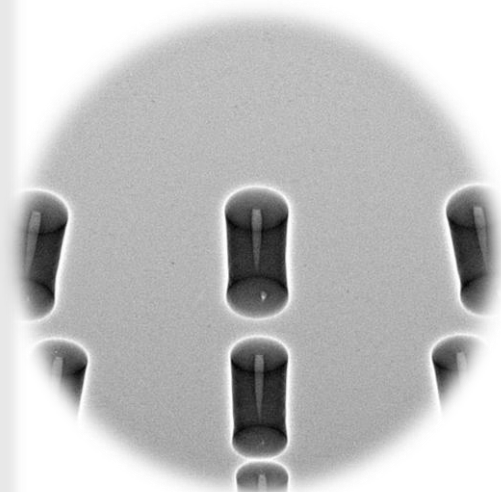
The sample remains centered even when the detector is tilted or the stage is rotated, providing smooth analysis.

•Vertical CT imaging is possible with a dedicated unit

By using it in combination with an oblique CT, a wide range of analysis can be performed with just one unit, from large circuit boards to small electronic components.

•In-house developed control SW "Jasper"

Created based on user feedback and requests, so anyone can operate it intuitively.



Specifications		
Tube voltage	20-160 kV	
Tube current	0-200 μ A	
Detector	Flat Pannel Detector	
Focus	0.25 μ m~	
Gray scale	16 bit(65,536 gray scale)	
Stage rotation angle	-10~370 °	
Main unit size	W 2,200 mm x D 2,483 mm x H 1,990 mm	
Main unit weight	Around 4,300 kg	
Effective observation area	520 x 520 mm	
Eucentric mechanism	○	
3D oblique CT imaging range	Same as the effective observation area	
Option	3D oblique CT	Vertical CT



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