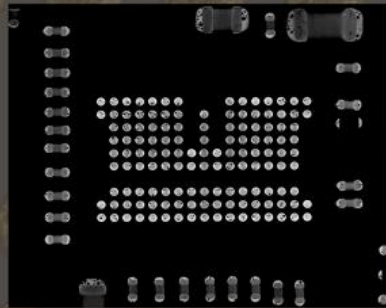


We Make It Visible.



Arirang CT Series

Best solution for X-Ray CT



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ARIRANG CT OBLIQUE Series

ARIRANG CT Oblique Series

As Manufacturing variety type and size of devices, manufacturers needs 3D CT system to inspect fast, efficiently. In a high demand of reliable CT system, We are very proud to present you the ARIRANG oblique CT Series. With ARIRANG CT's precision and Automated Inspection system, factories, research labs around the globe are thriving to success.

Hyper magnification range

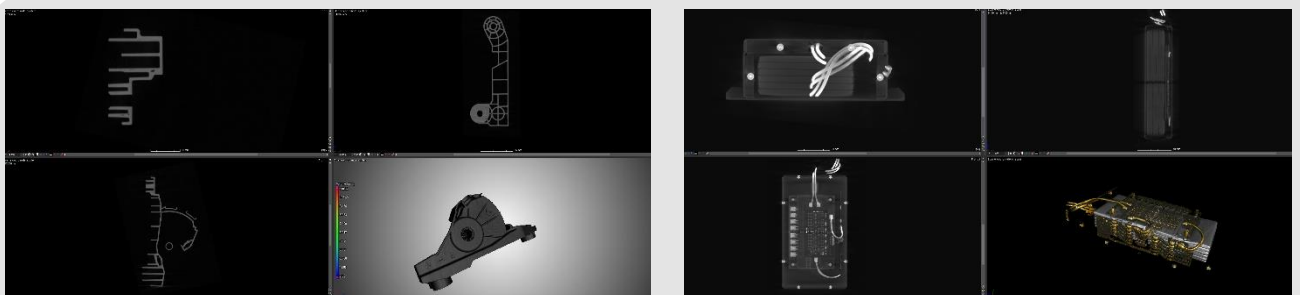
Geometric magnification range (Max. 2,400) and Total magnification range (Max. 300,000) will lead you to Possibility to catch out the large amount of products' deflections in 10 seconds

Auto-Axis Calibration

Auto-Axis Calibration & Beam correction is allowing users to be more productive, by reducing tact-time avoiding human errors and provide easy maintenance for users.

Powerful software technology

Software and algorithms developed by Techvalley with ERP, MES link system will make high quality inspection results, easy traceability to use so ultimately provide the better productivity to you



Main Screen of Programme

Inspection for you

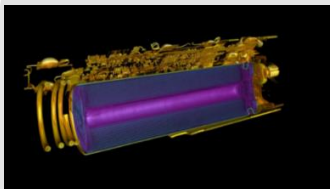
Applications

With wide view range, ARIRANG Oblique CT series can serve multiple purpose.

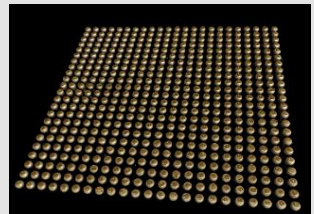
Possible applications of ARIRANG oblique CT Series are including batteries, PCBs, Mobile components inspection and ETC.



PTH Hole



Automotive part

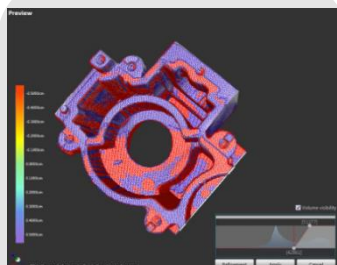


PCB IC BGA

Fast Reconstruction Process

ARIRANG oblique CT series is fast, precise 3D analyzing system obtaining images to build 3D model within 10 second.

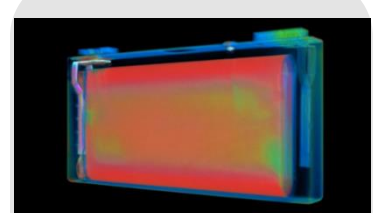
TECHVALLEY's powerful 3D software ensure precise, fast 3D image from 2D X-Ray images.



Volume Graphics



Techvalley Software



CT Battery Pack

Overview



ARIRANG 130CT

High Quality, high magnification inspection with Compact size.

Stage
590 x 420

2D
340 x 440

3D
150 x 100

10 sec

130kV

• 8 μ m



ARIRANG 135CT

Bigger inspection area for more types of sample for customers' needs

Stage
520 x 460

2D
450 x 450

3D
360 x 360

10 sec

130kV

• 8 μ m



ARIRANG 165CT

Open type tube that makes much better quality of inspection images

Stage
520 x 460

2D
450 x 450

3D
360 x 360

10 sec

160kV

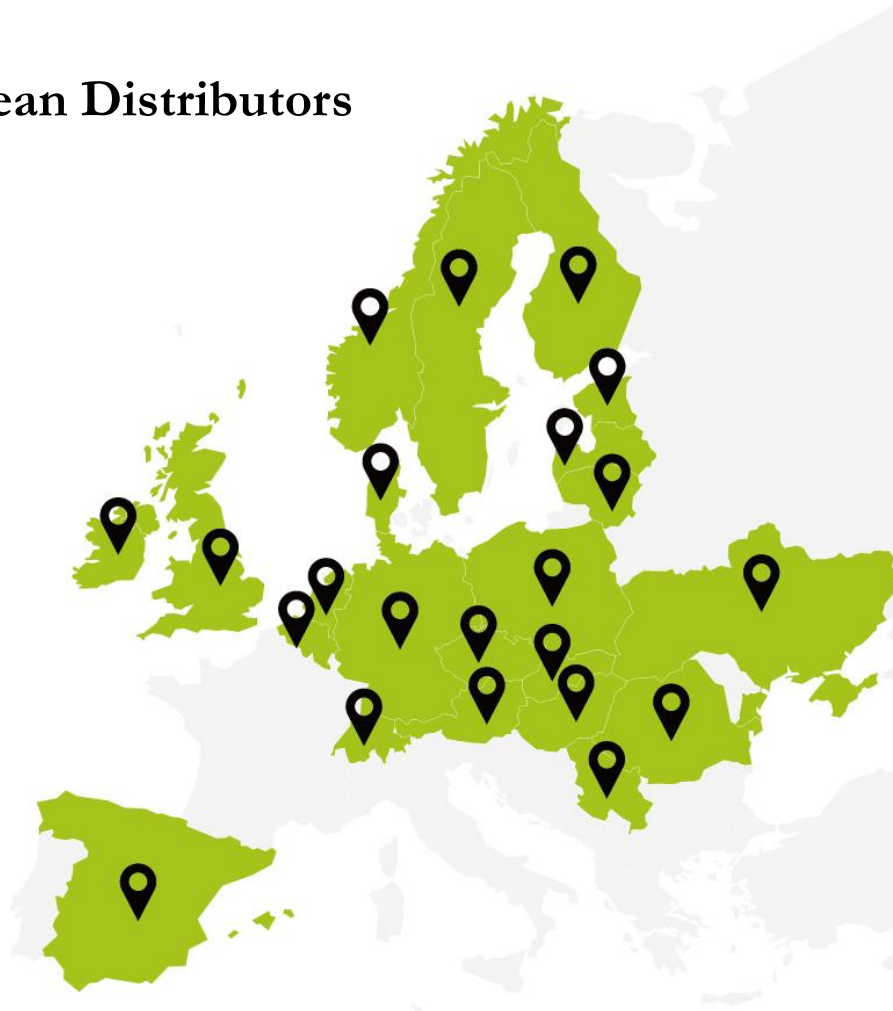
• 0.9 μ m

Specifications

	Arirang 130CT	Arirang 135CT	Arirang 165CT
			
Hardware			
Dimension	1450 x 1950 x 1700	1500 x 2300 x 1760	1500 x 2300 x 1760
Weight	2,500KG	3,000KG	3,200KG
Power Consumption	Max. 3KW	Max. 5KW	Max. 5KW
Tube			
Type	Sealed	Sealed	Open
Min. Feature Recognition	4 μ m	4 μ m	0.4 μ m
Max. Tube Voltage	130KV	130kV	160KV
Detector			
Type	Flat Panel Detector	Flat Panel Detector	Flat Panel Detector
Size	5 inch	5 inch	5 inch
Pixel Pitch	49.5 μ m	49.5 μ m	49.5 μ m
Resolution	6.9 Megapixels	6.9 Megapixels	6.9 Megapixels
Manipulator			
Stage Size	590 x 420	520 x 460	520 x 460
Inspection Area(2D)	340 x 440	450 x 450	450 x 450
Inspection Area(3D)	150 x 100	360 x 360	360 x 360
Technical			
Max. FOV	60 x 50	60 x 50	60 x 50
Min. FOV	4 x 3	4 x 3	1 x 0.8
Axis / Rotation, Tilt	7 axes / 360°_50°	7 axes / 360°_50°	7 axes / 360°_70°
Max. Sample Loading	5kg	5kg	5kg

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