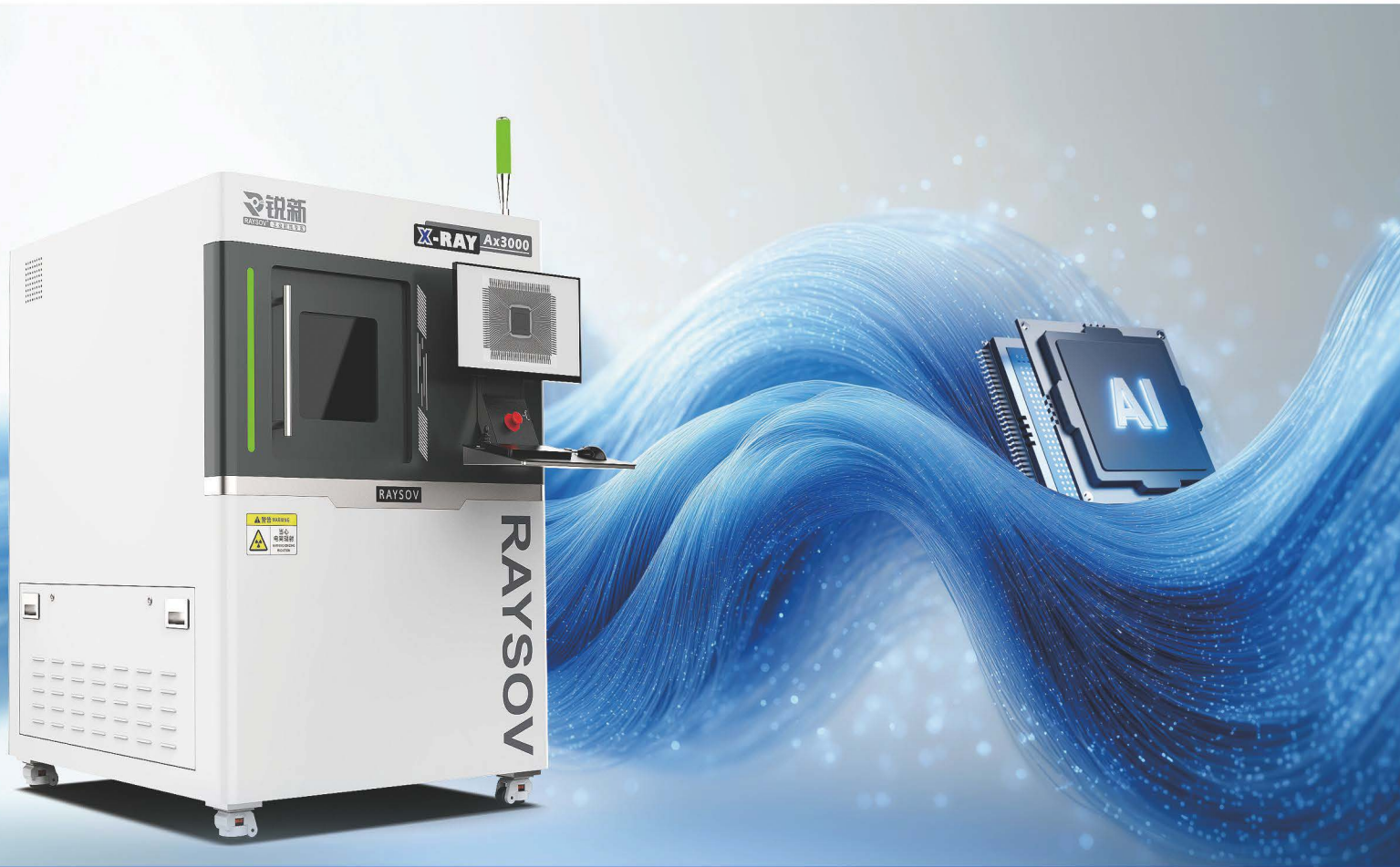




RAYSOV Microfocus X-ray System

Sharp insight in detail intelligent Manufacture in future

AI empowers precision inspection

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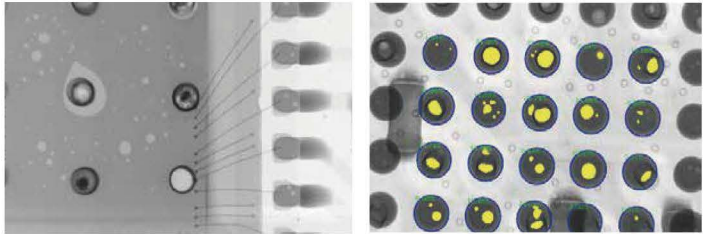
off-line in-line counting



Offline Microfocus X-ray system

Ax2000/Ax3000/Ax5000

Focus on electronic defects, apply in automotive electronics, energy electronics, household appliances, consumer electronics, semiconductors, non-destructive testing on SMT, LED, BGA, packaged components, IGBT, semiconductor components, die-cast parts, precision structural parts, connectors and other related devices.



- Ultra-clear Imaging

New-generation Raytina image enhance software

Extensive detection area

Customizable
- Precise BGA Test

Automatic recognition

Void ratio AI-calculation

Super anti-interference in detection/share process
- Measurement

Distance/Angle

Geometric Paras Analysis

Curvature/Solder Ratio
- Humanize Design

Synchron annotation (X-ray/visible light)

Diversified icons

Defect classify/recheck

	Ax2000	Ax3000	Ax5000
Max. Tube voltage	90kV	130kV	150kV
Min. Focus size	5μm	7μm	7μm
Pixel size	85μm	85μm	85μm
Imaging area	130*130mm	130*130mm	130*130mm
Spatial resolution	5.8lp/mm	5.8lp/mm	5.8lp/mm
Detection area	500*400mm	500*500mm	500*500mm
Dimensions(approx)	1250(L)*1300(W)*1600(H)mm	1300(L)*1500(W)*1850(H)mm	1300(L)*1500(W)*1850(H)mm
Weight (approx)	1000kg	1900kg	1900kg

Software function

ROI area zoom in and out with one click and free adjustable.

AI intelligence enhances overall resolution.

AI intelligently adjust overall image contrast.

Fixed-point tilt: tilt axis canbe operated independently,desktop auto-follow.

Filtering processing: sharp,enhancement, color inversion,denoise,pre-processing. Automatic calculation: bubble self-measurement on BGA,QFN,IGBT,output reports.

CNC detection:single-point or matrix addition,graphically results.

Real time display: real-time display detection process.

Diversified geometric measurement:distance,angle,diameter,tin climbing height,polygon.