

Scanning Acoustic Microscopy IS-350



- **Diagnosis and Detect internal package of electrical components**
- **Detect voids and diagnosis on bonded interface**
- **Detect other materials and internal defects and diagnosis**

High speed ultrasonic all waveforms collection

Collect all waveforms while scanning.
Capable of redisplay and post processing of A, B & C image

Designed for user-friendly

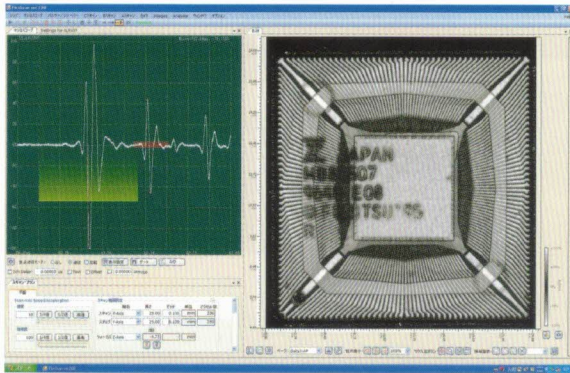
- small footprint : 700W×750D×1,300H(mm)
✧scanner itself
- Space needed : scanner & desktop PC
- OS: Windows10standard

High resolution scanning system

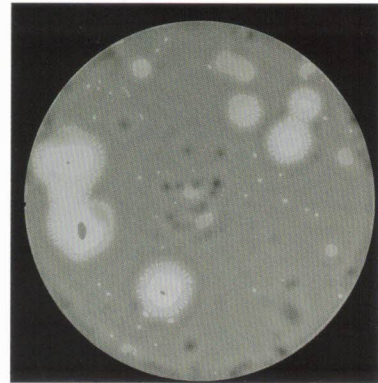
- 0.5um mechanical resolution scanner
- Up to 500MHz ultrasonic frequency range (Optional)
- High speed digitizer utilized
- Active scan area 350×350(mm)
- 2ch simultaneous data collection



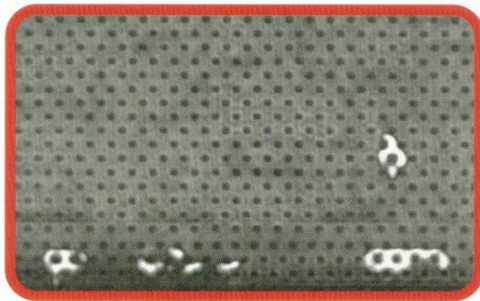
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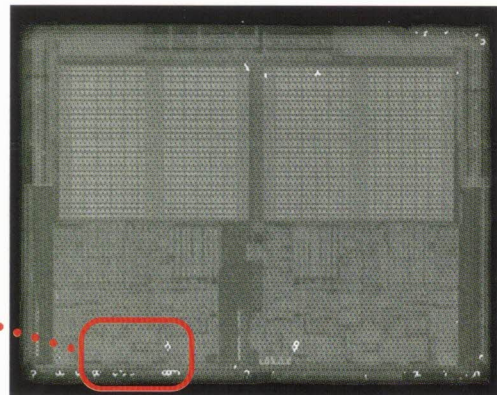
C scan image



Bouded wafer



Enlarged image



Flipchip void

Inspection mode	Pulse echo & Thorough transmission
Active scan area	350×350 (mm)
Encoder resolution	0.5μm
Detection frequency	Up to 500MHz (Optional)
Display mode	Ultrasonic waveform(A), Cross-cut image (RF · B), Plane image (C), (ABS, POS, NEG etc), TOF, FFT analysis, 3D image, and so on
Data collection method	Full digital
Scan function	Slice scan, Cutout scan, Repetition scan, RF · B scan and so on
Data saving	HDD, USB storage, DVD/RW Multidrive
Optional software	Offline analysis package
Optional unit	Elevator for sample stage, 2ch simultaneous data collection scan, Water temperature control unit, Area sensor and so on
Power source	AC100V/5A 50/60Hz

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