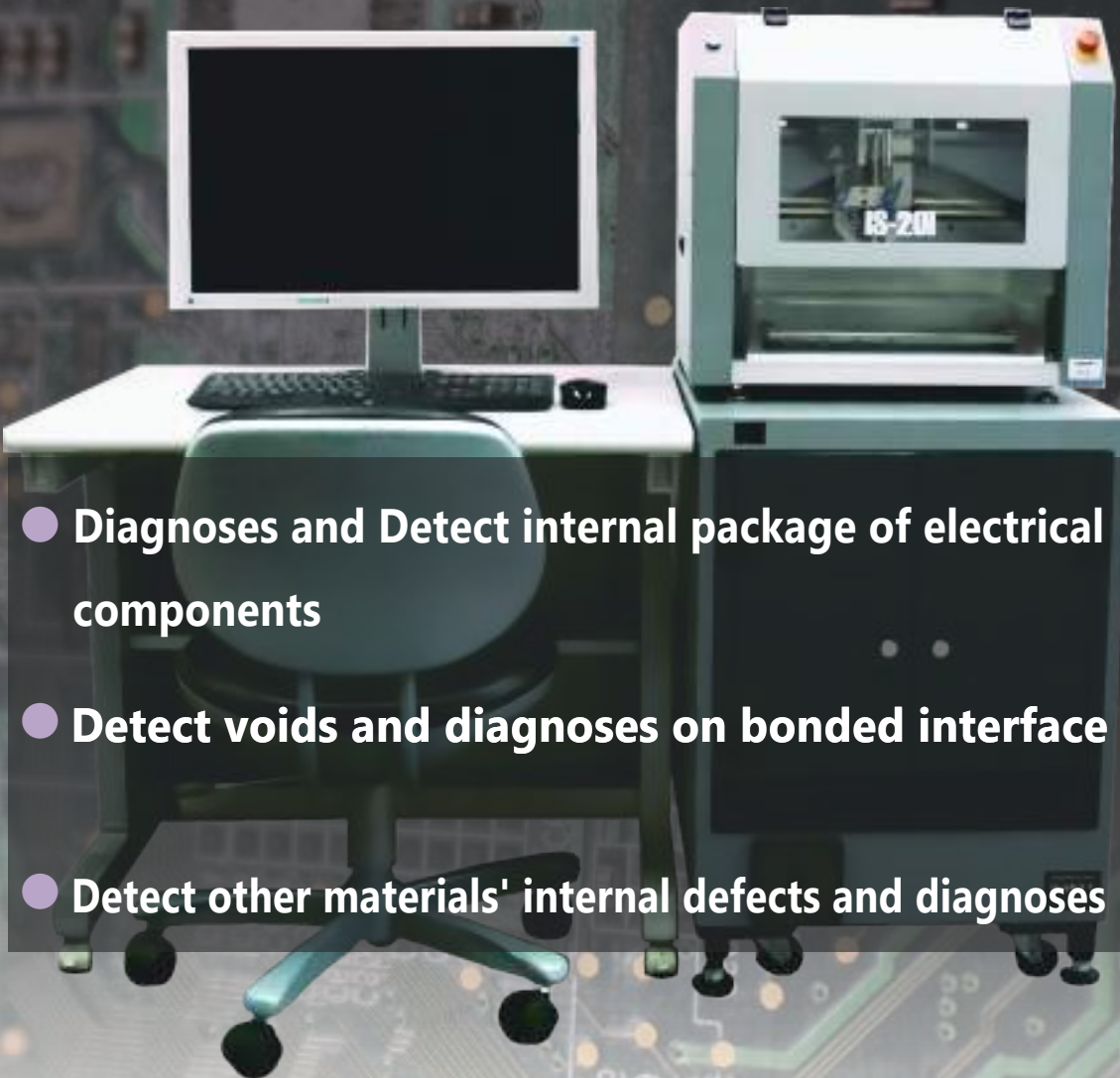


Scanning Acoustic Microscopy IS-201



- Diagnoses and Detect internal package of electrical components
- Detect voids and diagnoses on bonded interface
- Detect other materials' internal defects and diagnoses

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

Removable small tank.

- Small footprint : 510W×400D×468H(mm)
※Main body
- Space needed : scanner & desktop PC

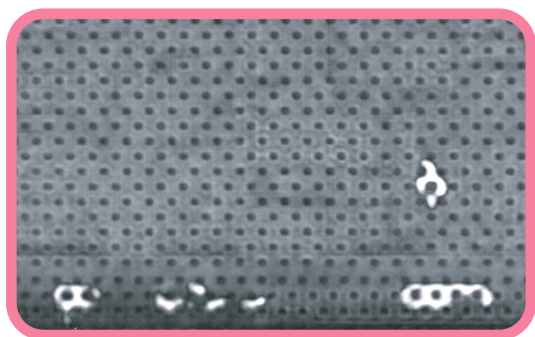
High resolution scanning system

Very low noise due to control Linear servo motor on scan axis

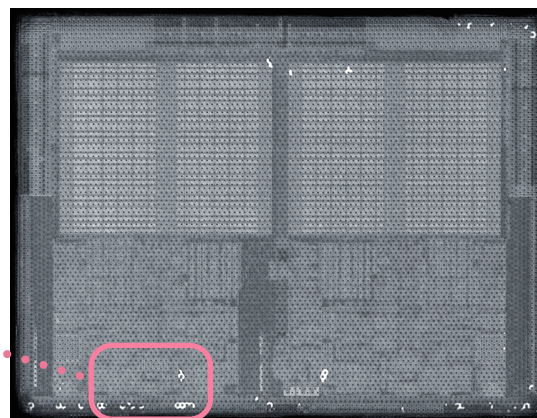
- 0.1μm mechanical resolution scanner
- Up to 300MHz ultrasonic frequency range
- Up to 500MHz ultrasonic frequency range (Optional)
- High speed digitizer utilized
- Effective stroke range 200×150(mm)

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NDD Technology Company



Enlarged image



Flipchip

Inspection mode	Pulse echo & Through transmission
Effective stroke range	200×150 (mm)
Encoder resolution	0.1μm
Receiver frequency	Up to 300MHz (Up to 500MHz Optional)
Display mode	Ultrasonic waveform(A), Cross-cut image (RF • B), Scan 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, Sequential scan, RF • B scan and so on
Data collection processing software	InsightScan
Optional software	InsightAnalysis, InsightView
Optional unit	JIG for Through transmission
Weight	Approximately 35kg (Main body)
Power source	AC100V/5A 50/60Hz

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