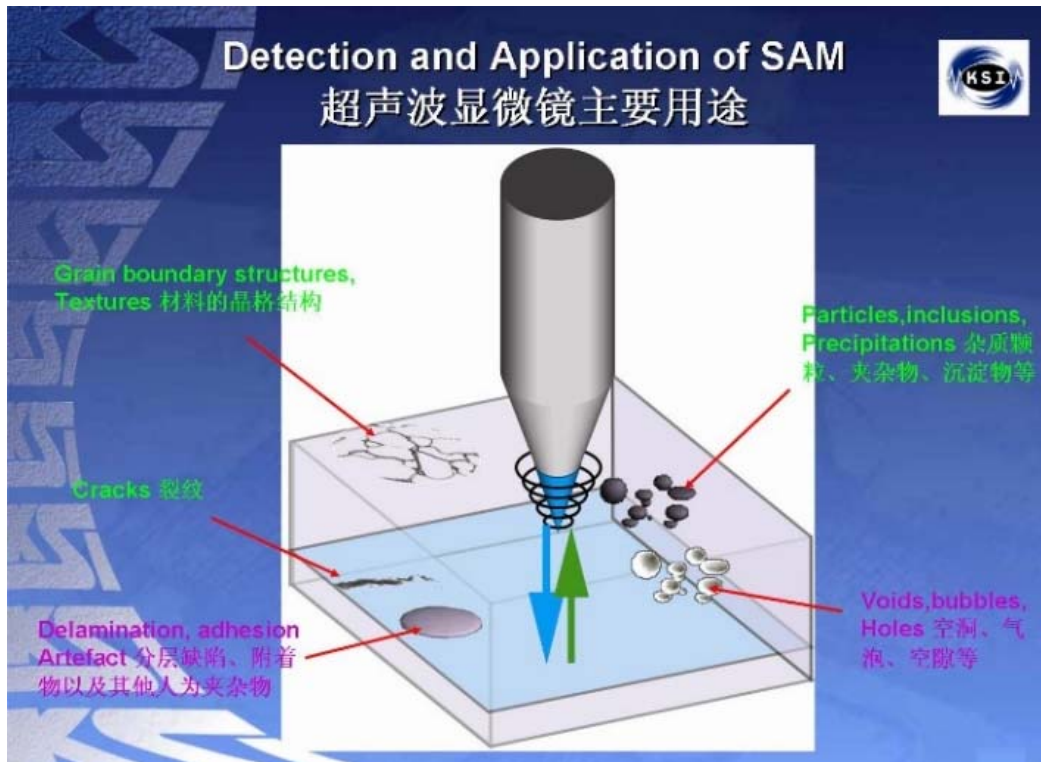


## Scanning Acoustic Microscope



### **KSI WINSAM Vario III**

- Ultrasonic generator bandwidth: 5~500MHz
- Scanning range:  $0.25 \times 0.25\text{mm} \sim 300 \times 300\text{mm}$
- Frequency range: 1 ~ 500MHz
- Transducer selection: 5 ~ 400MHz
- Scanning mechanism resolution:  $0.1\mu\text{m}$
- Scan mode: A, B, C, D, G, X, 3D
- Minimum threshold time 1ns
- Image output can be saved in BMP and SAM format



### Capability/Application

- Inspect package defects like crack voids, delamination and popcorn.
- Non-destructive
- Utilizing ultrasonic sound wave with frequency around 15MHz to 1GHz.

### SAM test result samples

Delamination

