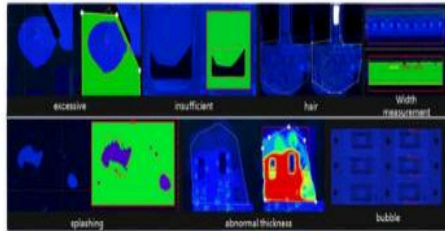


Well-Qualified  
And Confirmed By



Well-Qualified  
And Confirmed By



## A. Features:

### 1. Easy Programming

Automatically searches to identify the coverage area without manual selection.

### 2. Polygonal Inspection Frame

Flexible frame selection. Locks the coverage area for more precise inspection.

### 3. Automatic Bubble Detection

Visualizes bubble size and trace results.

### 4. Multiple Applications

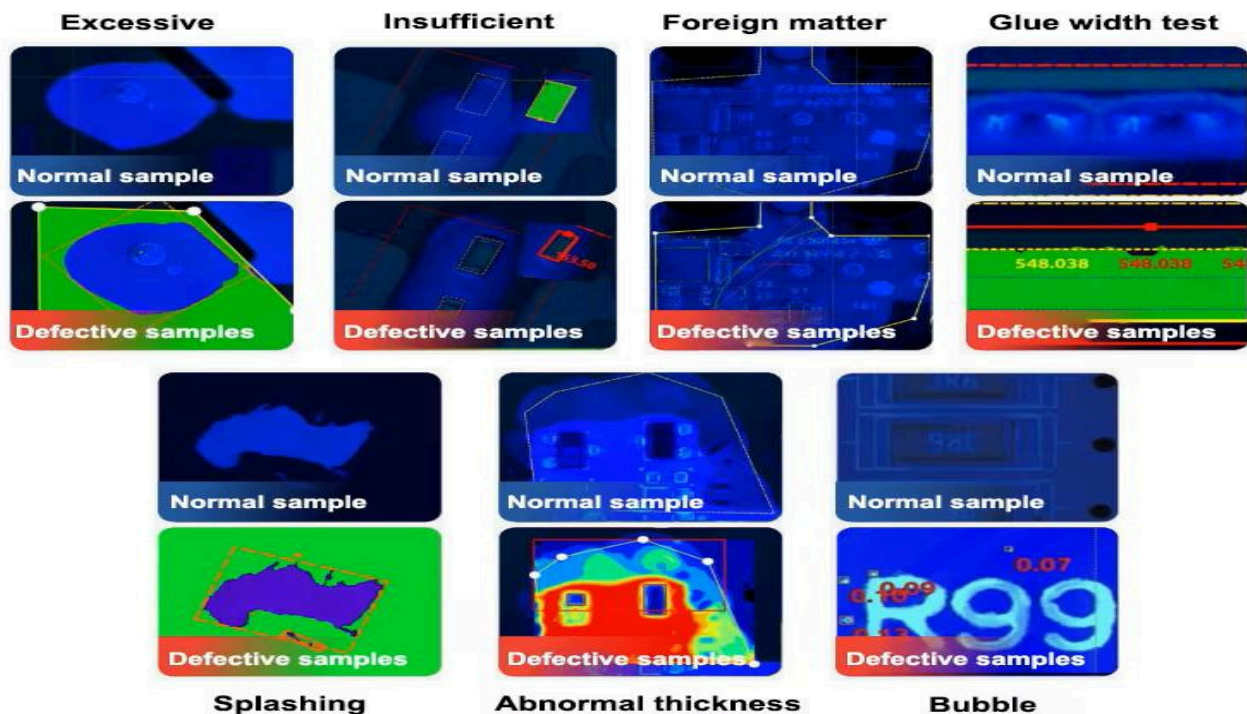
Light source can be changed for use with THT and SMD.

### 5. SPC Data Analysis

Records and analyzes data in real time, providing evidence for process improvement. Data is traceable in real time.

## B. Application:

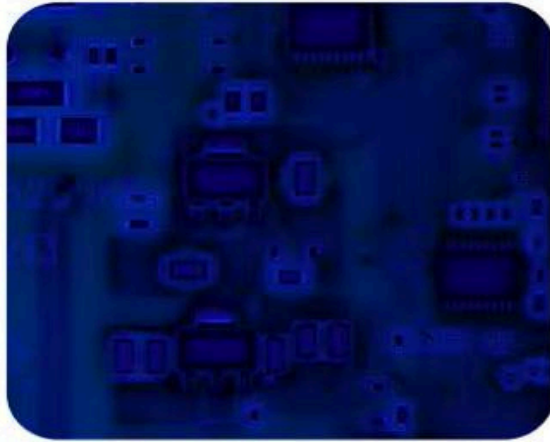
UV adhesive, UF adhesive, topcoat, undercoat, coating bubbles, splashes, foreign objects.



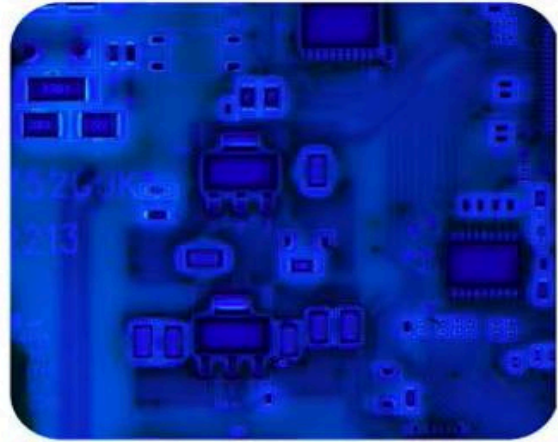
### AOI Coating Details

High-brightness UV light source, clear coating image recovery

Using a three-channel UV light source with high energy density, it can effectively increase the brightness difference between the adhesive and the board, and adapt to detecting adhesives with different fluorescent content and thickness. Stronger consistency enhances the stability and accuracy of detection.



**Ordinary light source**

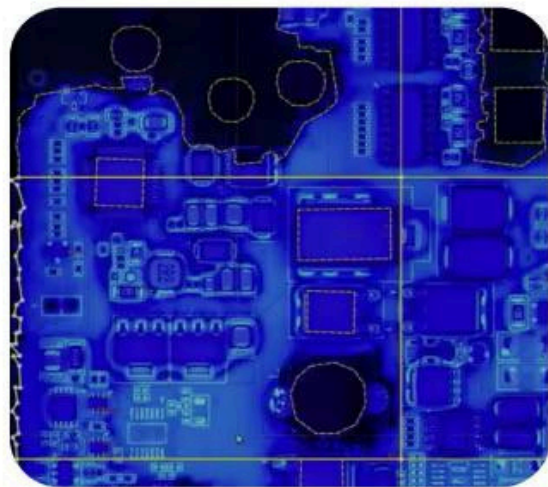
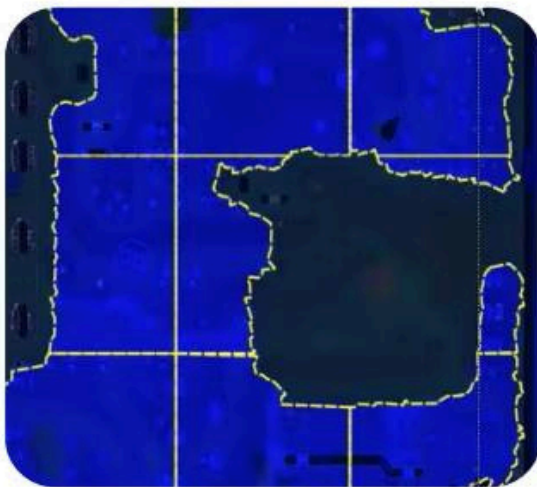


**Highlight light source**

---

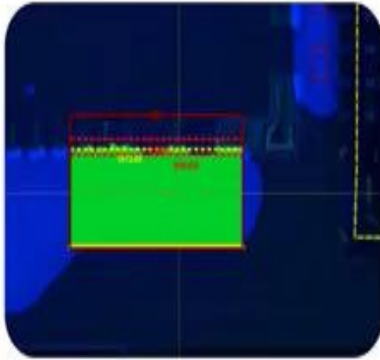
### Automatic coverage area identification, simple and efficient programming.

Select boxes with just one click, automatically identify coverage areas and create similarly shaped detection boxes. Supports all polygons, efficiently handles irregular liquid areas. Minimal programming for greater efficiency.

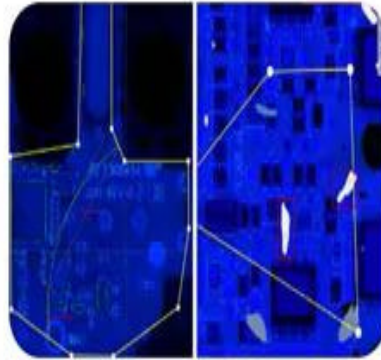


## Multiple coating detection and intelligent defect identification algorithms

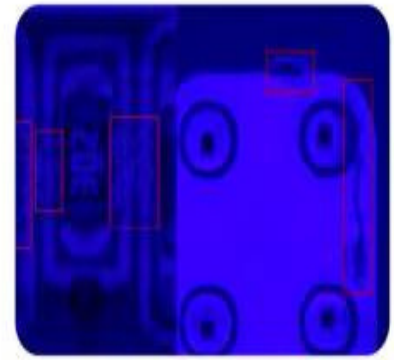
Using a large amount of coating defect image data to train models, various coating defect-specific algorithms such as bubble detection and foreign object/scatter detection are developed to extract key defect features from multiple dimensions and depth layers, accurately identifying defects.



Glue width



Hair foreign body



Bubble

## High-precision thickness measurement, protecting coating quality

By analyzing the energy value of the spectrum to determine the wavelength of light, then collecting height information to infer the thickness of the adhesive coating, it only takes 1-2 seconds to complete the thickness measurement at a point.

