

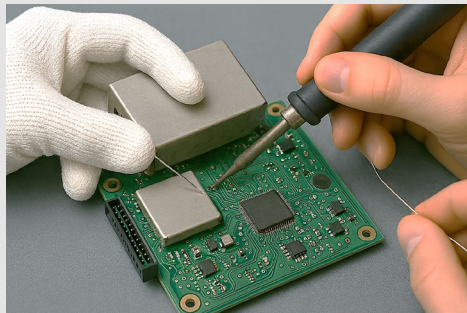
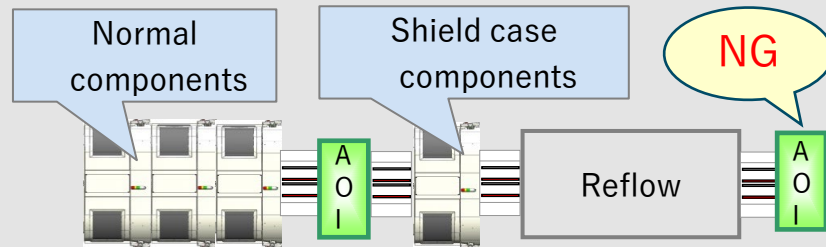
Mount complete position recognition

Reduce shield case placement defects and shorten PCB repair time!

Problems

■ To repair of shield case components . . .

- ① It takes time to repair
- ② High level of difficulty requires repair skills
- ③ Damage risk and disposal loss due to PCBs repair

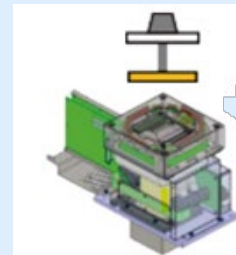


Effects after license introduction

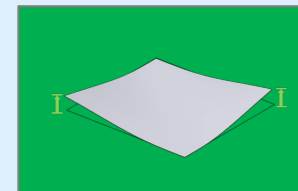
■ Before AOI inspection, the placement machine checks shield cases for warping and misalignment, preventing shield-case placement defects and reducing repair time.

Shield case warping inspection function before mounting

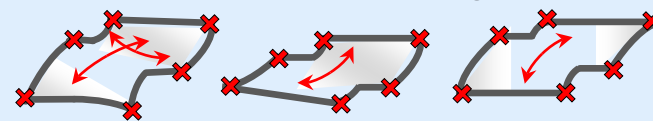
The component-recognition camera inspects shield cases before placement to detect component deformation.



Component deformation



Detect defects based on recognition errors

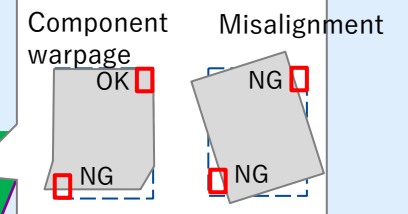
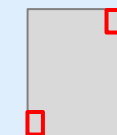


Mount complete position recognition

Inspect shield components with the head camera to detect warping and misalignment.



Inspected by 2 corners



Stop on error

Mount complete position recognition

Reduce shield case placement defects and shorten PCB repair time!

■ Precautions for use

1. Limited PCB size and component height

*For further details and precautions, please refer to the instruction manual.

2. A Multi-Recognition Camera Type 3 is required for the shield case warping inspection function before mounting.

■ Applicable models

NPM Series

NPM-X Series

NPM-G Series

■ Restrictions

NPM Series: V10.10.37 or later

NPM-X Series: V02.12.16 or later

NPM-G Series: V04.20.00 or later

* For details, please contact us.