

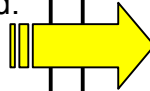


Measuring the application height of adhesive onto PCB

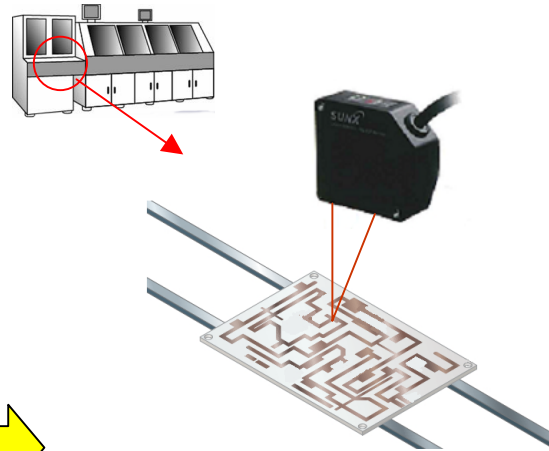
OUTLINE / PREVIOUS

Customer: Surface-mount device manufacturer
Machinery: Surface-mount device

In the process of applying adhesive for fixing chips on a surface-mount device, a distance from a dispenser head to the surface of PCB is measured and the application status can be controlled.



SOLUTION



PROBLEM

Highly accurate sensor is required.

MODEL / HOW TO

HL-C203F HL-C2C HL-C2AiM
HL-C2AiM, intelligent monitoring software, which enables to monitor the measured data / light-receiving intensity data.

BENEFIT 1 Highly accurate

HL-C203F is a displacement sensor with performance of sampling 100kHz, linearity $\pm 0.03\%$, and resolution (*) 0.025 μm , so that the distance to the application position can be accurately measured. * **HL-C203FE** is not subject to control and its resolution is 0.25 μm (used with controller **HL-C2CE**).

BENEFIT 2 Intelligent monitor

Optional **HL-C2AiM** helps to monitor the measurement, which brings to set more stable measurement conditions with a PC.

BENEFIT 3 Data buffering function

About 65,000 pieces of measurement value data can be temporarily stored. All of these stored data can be utilized for comparison or analysis by loading them into computers.

