Curea

A totally new approach to measuring the degree of hardening of UV cured resins

AcroEdge

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Non-contact
Non-destructive

Even when samples are inserted in glass or film, such as film bonding with UV curing resin, it is possible to measure them as they are.

Real time

Measuring in just 0.1second, suitable for in-line inspection.Also measuring while performing irradiation is possible.

Why do people choose the Curea?

Before Curea

Issue

The current method of the quality control in industrial products using UV curable resin

- Destructive inspection and analysis with FT-IR or DS-C etc.
- Unproductive quality control by excessive irradiation
- Presumption of curing state of UV curable resin

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Why do people choose the Curea?

With Curea

Solition

Real time inspection of
a resin's state without making
contact

Total inspection in
a quantity production line
greatly
shortens the inspection time

- In real time the Curea monitors the state of UV curable resins without stopping or slowing down the product line
- Analyze appropriate irradiation conditions
- Perform inspection in a quantity production line in real time

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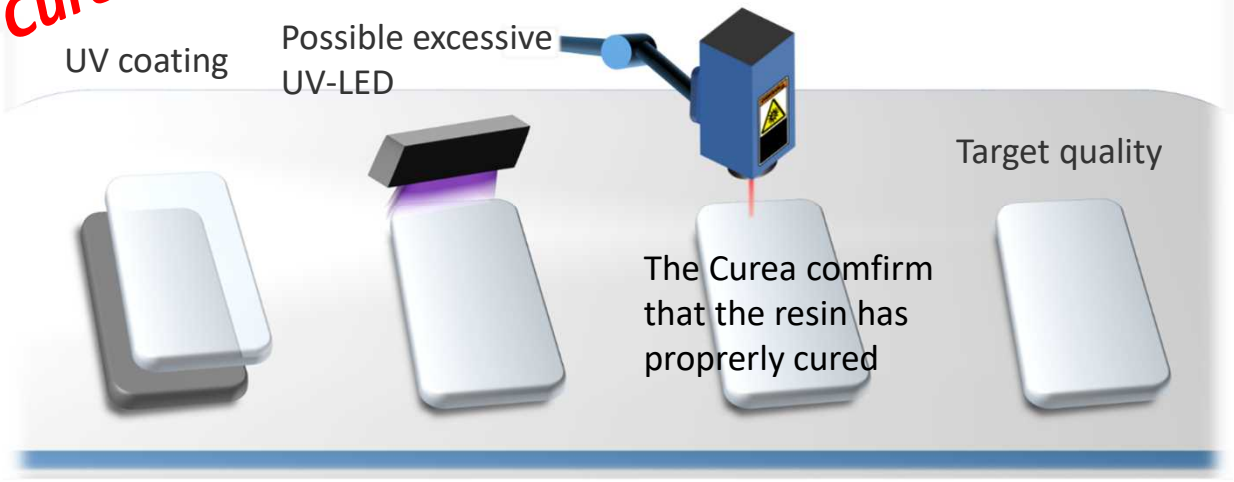
Process for coating a smartphone case

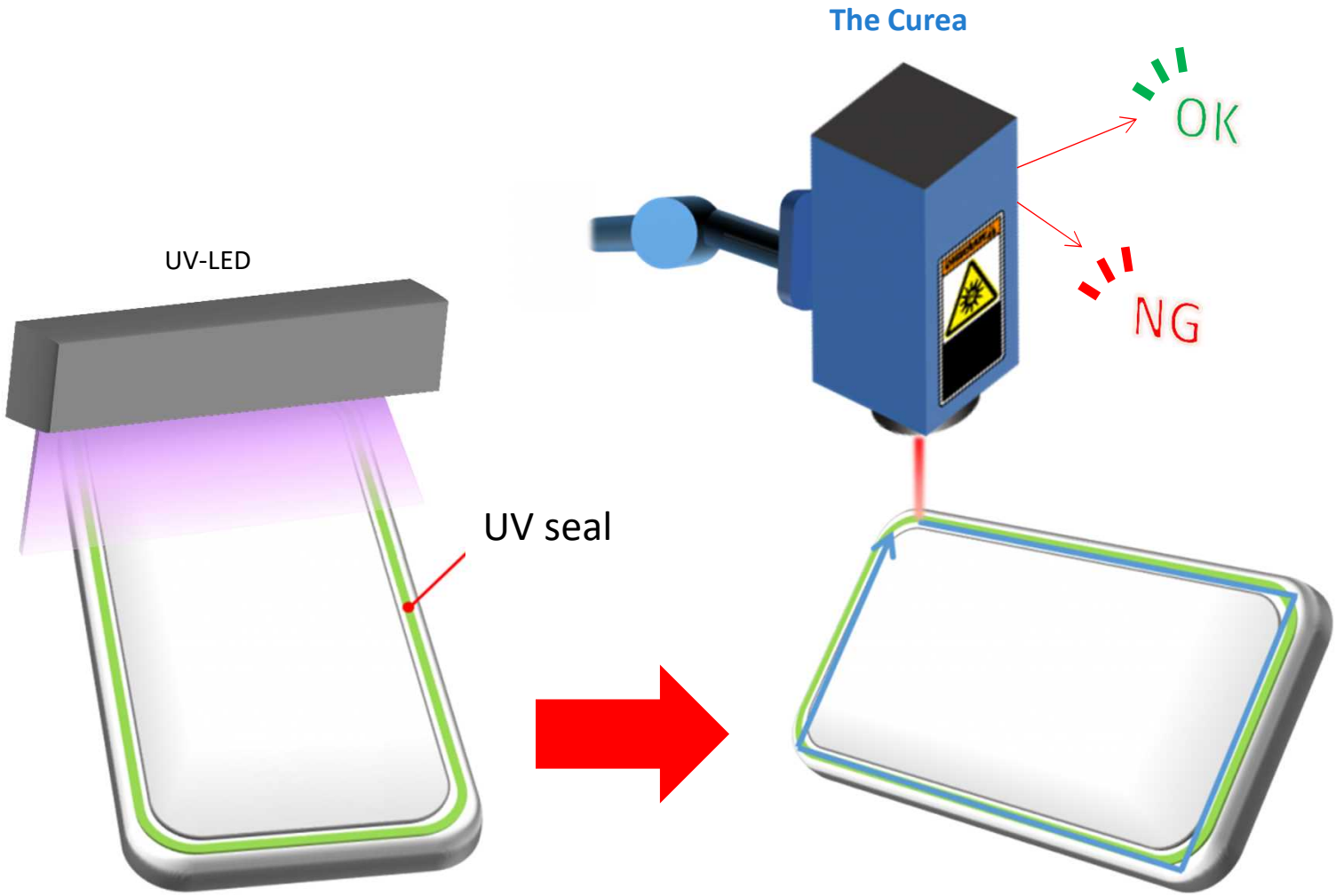
without the Curea

with the Curea

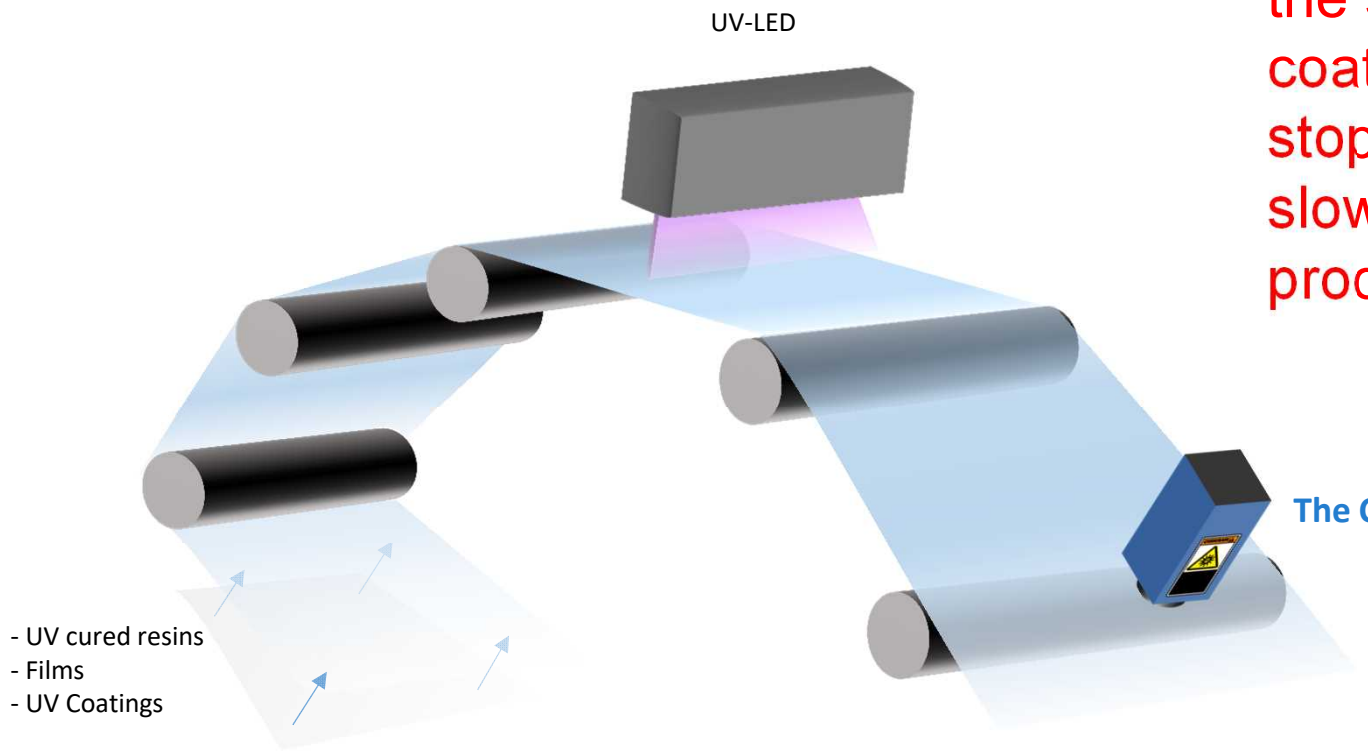


In real time the Curea monitors the state of UV coating without stopping or slowing down the product line

Example for smartphone



Process for manufacturing films



In real time the Curea monitors the state of UV coatings without stopping or slowing down the product line