

Ultraviolet Light Amount Distribution Measurement Film

# UVSCALE Application Examples

**No.5** Field UVsterilization

**Measured objects**

- Drink cartons
- Plastic bottle caps
- Cardboard

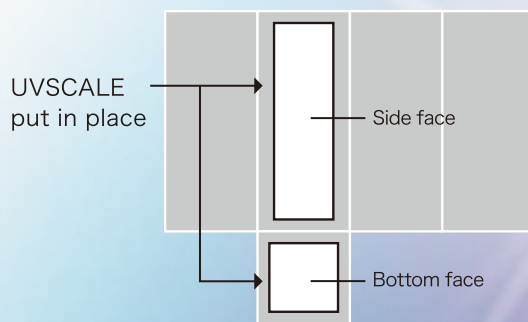
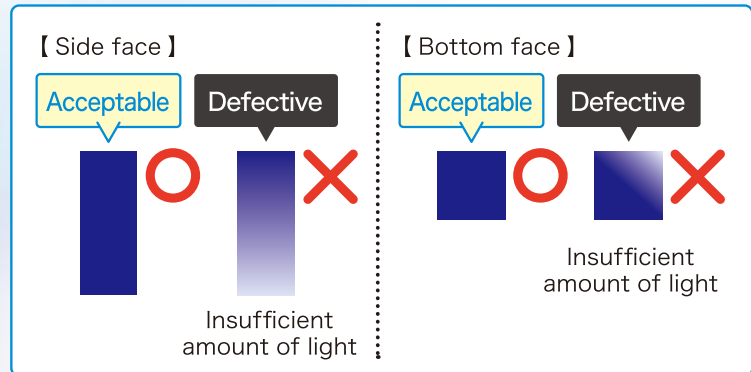
**Purpose**

To measure the light distribution of UV light used to sterilize packaging materials before filling them with food

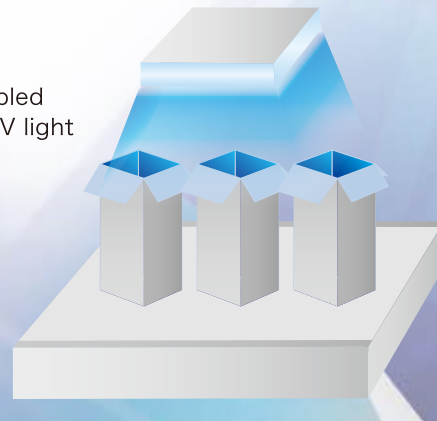
**Outline of use**

Place the UVSCALE on the inner surfaces of cartons prior to filling with food and convey and irradiate with UV light under normal conditions. Remove the UVSCALE and observe its coloring to check the UV light distribution over the inner surfaces of the cartons.

**[Use Example]** Measuring UV light amount when milk cartons are sterilized



Cartons are assembled → Irradiated with UV light



**Benefits of UVSCALE**

- Allows checking of the UV light amount on the side faces and in the bottom corners of food packages, where illuminometers cannot be used but reductions in light amount may occur.
- Exposed UVSCALE can be stored and used to trace product quality.

UVSCALE

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\* Please note that the specifications and performance stated in this catalog may change without prior notice as a result of improvements. The diagrams used are schematic, and differ from those for actual measurements.