

Ultraviolet Light Amount Distribution Measurement Film

UVSCALE Application Examples

No.4 Field UVcoating

Measured objects

- Hard coatings
- Diffusion films
- Filters

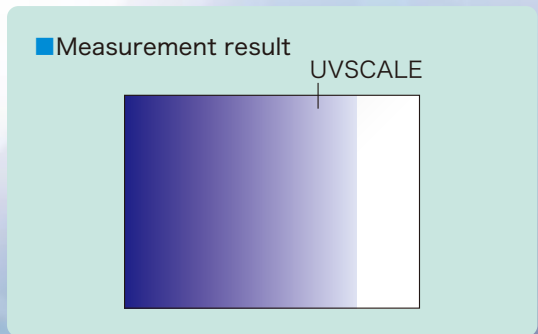
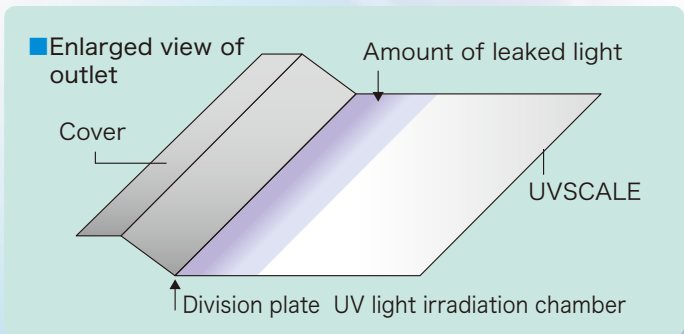
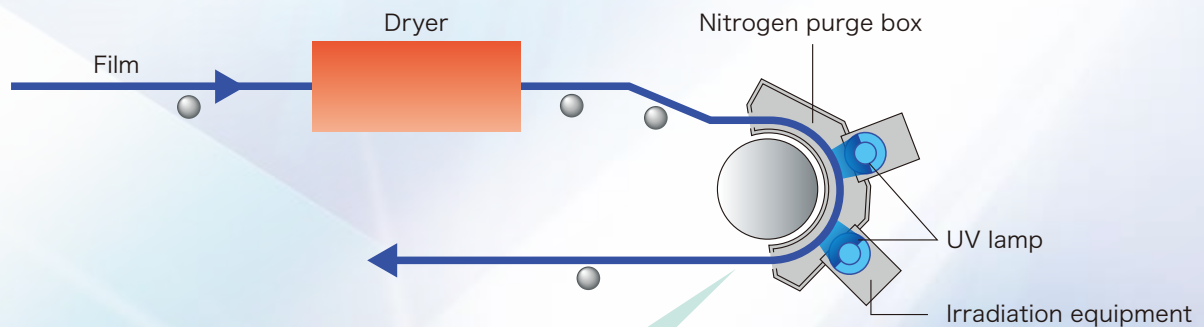
Purpose

To check the UV light distribution when a film base coated with UV curable resin is irradiated with UV light

Outline of use

Place roll type UVSCALE across the width of the base of the coating and irradiate with UV light under normal conveyance and irradiation conditions. Remove the UVSCALE and observe its coloring to check the light distribution across the coating width and leaked light.

[Use Example] Measuring the amount of light that leaks from a UV light irradiation chamber when a UV curable resin coating is irradiated with UV light



Benefits of UVSCALE

- The UV light amount distribution in roll-to-roll systems and small areas, for which illuminometers cannot be used, can easily be measured by placing UVSCALE on the base and conveying it in accordance with actual conditions.
- Allows checking of the range over which light leaks from the division plate isolating the UV light irradiation chamber, so that the suitability and degree of influence of manufacturing conditions can be determined.

UVSCALE http://www.fujifilm.com/products/industrial_products/uvscale/

* 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.