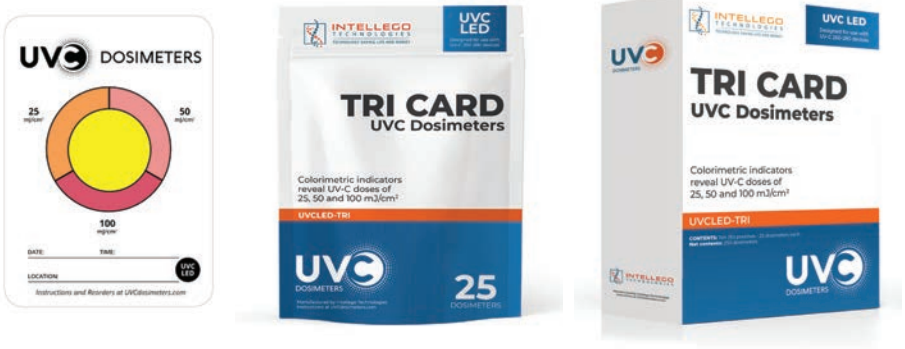
UVC DOSIMETERS

UVC LED TRI Card



The UVC LED TRI Card provides a visual indication of germicidal irradiation at three dose levels: 25, 50 and 100 mJ/cm². Using a patented photochromic ink, the yellow center on the card reacts to exposure from UV-C devices at 260-280 nm and changes color to indicate the intensity of the dose delivered.

The single-use cards feature an adhesive strip for easy placement on a variety of surfaces and have writeable areas for date, time and location. For best results, take exposure readings immediately after a disinfection cycle and notate the card by circling the dose level achieved.

UVC Dosimeters are an important tool to achieve optimal UV-C disinfection by enabling operators to:

- Determine the dose delivered at varying distances from the device
- Identify shadowed areas that may require device repositioning
- Optimize run-times for efficiencies in disinfection cycles
- Provide evidence of disinfection cycles for credentialing, auditing and data collection

INTELLEGO TECHNOLOGIES

UVC Dosimeters are manufactured by Intellego

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UVC LED TRI Card

Designed for use with UV-C LED devices

Understanding Dose & Pathogen Inactivation

To achieve successful UV-C disinfection, it is critical to identify how much germicidal irradiation is delivered to a surface. There are no known pathogens that are resistant to UV-C, but inactivation is dependent on the amount of UVGI delivered.

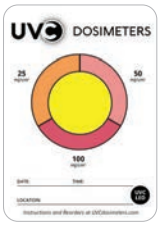
Studies have shown that a dose of 22 mJ/cm² can achieve a 99.999% reduction of SARS-CoV-2, and doses of 10 mJ/cm² and 46 mJ/cm² have been correlated to a 99.9% reduction of MRSA and C. Difficile, respectively. UVC Dosimeters provide simple, visible evidence so you can see if your disinfection cycle is successful.

A compilation of studies showing UV doses required for inactivation of bacteria, viruses, spores and fungi is available at iuva.org/Guidance-Documents.

- For use with 260-280 nm devices (UV-C LED)
- Provides visible evidence of UVGI at 25, 50 and 100 mJ/cm²
- Recommended for use with every disinfection cycle
- Ideal for staff training, validating performance, and comparison of different UV-C devices
- Low-cost, easy-to-use
- Clinically proven accuracy and reliability
- 3-year shelf life
- Designed, tested and manufactured in Sweden

According to a 2021 study published in Infection Control & Hospital Epidemiology, the researchers concluded:

"There is a need for practical tools for monitoring doses delivered by UV-C devices. Our results suggest that colorimetric indicators could be useful tools to compare different devices, assess delivery of UV-C to different sites in patient rooms and confirm that in-use devices are operating correctly."



UVC LED TRI Card

Product SKU	Packaging
UVCLED-TRI	25 Dosimeters per Pouch 10 Pouches per Box

UVC Dosimeters are designed to provide a visual indication of applied UV-C energy during a disinfection cycle and are not a substitute for microbiological verification of disinfection. Store at room temperature and away from direct sunlight. **Do not reuse.**

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