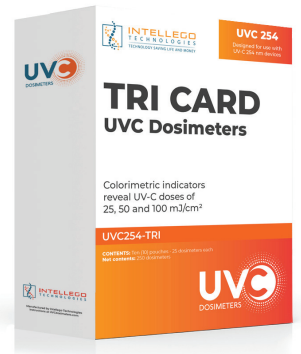
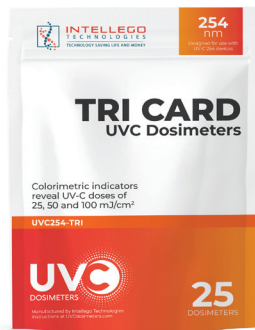
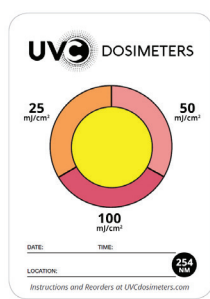


# UVC 254 TRI Card



The UVC 254 TRI Card provides a visual indication of germicidal irradiation at three dose levels: 25, 50 and 100 mJ/cm<sup>2</sup>. Using a patented photochromic ink, the yellow center on the card reacts to exposure from UV-C devices at 254 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  
Technologies AB, Sweden

## UVC 254 TRI Card

Designed for use with UV-C 254 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/cm<sup>2</sup> can achieve a 99.999% reduction of SARS-CoV-2, and doses of 50 and 100 mJ/cm<sup>2</sup> 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](http://iuva.org/Guidance-Documents).

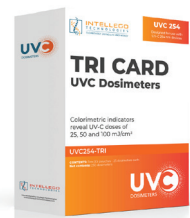
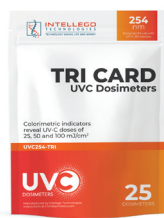
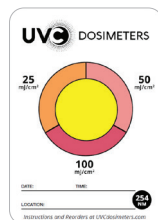
- For use with 254 nm devices (low-pressure mercury vapor lamps)
- Provides visible evidence of UVGI at 25, 50 and 100 mJ/cm<sup>2</sup>
- Recommended for use with every disinfection cycle
- Ideal for staff training, validating performance, and comparison of different UV-C devices
- Low-cost, easy-to-use
- Clinically proven accuracy and reliability
- 3-year shelf life
- Designed 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.”*

### Order Information

To learn more or request pricing, visit [UVCdosimeters.com](http://UVCdosimeters.com) or email [info@intellego-technologies.com](mailto:info@intellego-technologies.com)



UVC 254 TRI Card

#### Product SKU

UVC254-TRI

#### Packaging

25 Dosimeters per Pouch  
10 Pouches per Box



For more information, including links to scientific studies and reports cited in this document, please scan the QR code.

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.**

