

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/cm². 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 optimal UV-C disinfection, it is important to verify that sufficient doses of UVGI have been delivered to a variety of surfaces or objects during a disinfection cycle.

This fact is based on the Bunsen-Roscoe Law of Reciprocity which indicates that the reduction of microbes is fundamentally related to the total dose of UVGI (mJ/cm²) delivered.

UVC Dosimeters provide simple, visible evidence of UVGI so you can determine if your disinfection cycle has been successful.

To learn more about UV Doses required for pathogen inactivation, contact your UV-C device manufacturer or visit IUVA.org for more information.

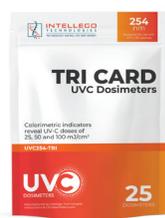
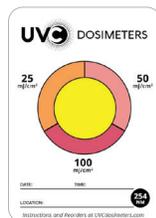
- For use with 254 nm devices (low-pressure mercury vapor lamps)
- Provides visible evidence of UVGI at 25, 50 and 100 mJ/cm²
- Recommended for use with every disinfection cycle
- Ideal for staff training, validating performance, and comparison of different UV-C devices
- Low-cost, easy-to-use
- Clinically proven accuracy and reliability
- 3-year shelf life
- Designed 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 or email 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.**

