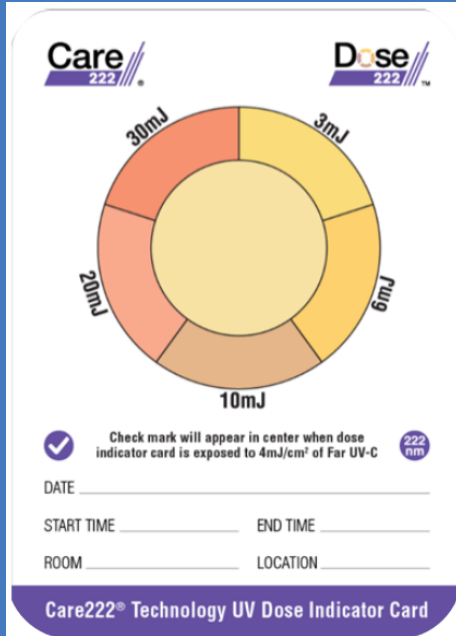
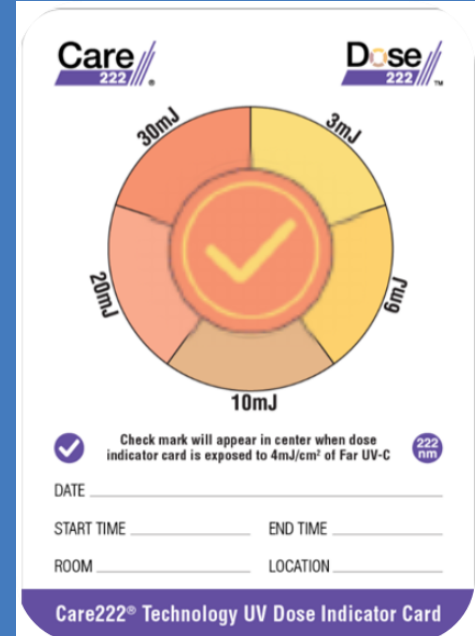


Dosimeter222™ Indicator Card Precision Monitoring in Pathogen-Free Environment



When the dose indicator card is no longer exposed of Far UV-C, the check mark will not appear, and there will be no color change in the center



Check mark will appear in center when dose indicator card is exposed to 4 mJ/cm² of Far UV-C

Easy-to-use 222 nm UV radiation exposure measurement

How to Use Dosimeter222™:

- 1. Position the Card:** Place the Dosimeter222™ Indicator Card in your desired location, ensuring it is directly exposed to filtered 222 nm UV light.
- 2. Monitor Color Change:** As the exposure increases, the center circle will gradually change color based on the amount of filtered 222 nm UV light received.
- 3. Match the Dosage:** Compare the center circle's color with the surrounding color code indicators to estimate the UV dosage absorbed over the exposure period.
- 4. Check for the Dose Indicator:** A check mark will appear when the card has been exposed to 4 mJ/cm² of filtered 222 nm far UV-C light, indicating the target dosage has been reached.

Species	Reported Dose for 3-log Reduction (mJ/cm ²)*
Bacteria	
E. coli [Escherichia. coli O 15]	9
Salmonella [Salmonella enterica subsp. Enterica serovar Typhimurium]	10
MRSA Staphylococcus aureus [methicillin-resistant S. aureus]	15
Viruses	
SARS-CoV-2 (COVID-19)	3**
Influenza [Influenza A H1N1]	6
Feline Calicivirus [Feline calicivirus (FCV) strain F4]	24

*Refer to website for more information and disclaimer.

**SARS-CoV-2 Dose reported to 97.7% Reduction.

Ensuring full far UV-C exposure safety

Care222® **filtered 222 nm far UV-C modules** are effective in microbial reduction for both occupied and unoccupied spaces. However, to ensure compliance with UV exposure regulations and maintain safe operational standards, regular UV dose measurements are essential.

Dosimeter222™ indicator technology utilizes a highly sensitive **photochromatic ink** at the center of the card, specifically designed to react to **222 nm far UV-C light**. As the central dot is exposed to UV-C radiation, it changes color based on the dosage received. By comparing this color with the **visual key on the outer ring**, users can accurately determine the **radiant energy density**. Additionally, a check mark will appear in the center once the card has absorbed **4 mJ/cm²** of filtered far UV-C light.

To ensure consistent monitoring, **Dosimeter222™ should be used regularly—at least once per week**—in areas where **filtered far UV-C devices** are in operation. Please note that **Dosimeter222™ indicators provide a visual reference for applied UV-C dosage within a treatment cycle** but do not replace microbiological disinfection verification.

For optimal performance:

- **Store Dosimeter222™ cards at room temperature, away from direct sunlight.**
- **Do not reuse the cards after exposure.**

Let us know if you need further guidance on UV dose measurement and compliance.

Applications

Dosimeter222™ Powered by
Care222®: Ensuring Safe &
Effective Disinfection Everywhere



Education



Animal Care



Hospitals



Warehouse/Industrial



Commercial Office



Kitchen / Food Industry

