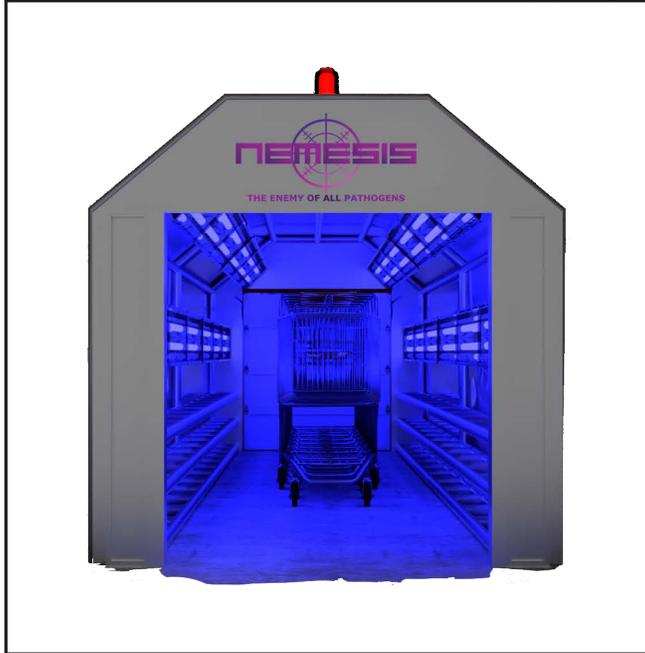


# NEMESIS™

THE ENEMY OF ALL PATHOGENS™

## CART TREK™

UV-C Disinfection Tunnel For Shopping Carts



### SPECIFICATIONS

#### DESCRIPTION

Keeping customers safe and at ease is an essential yet difficult task. Sanitizing commonly used items, such as shopping carts, reliably is a challenge. The Nemesis Typhon™ Cart Trek™ is designed to maximize efficiency and efficacy of disinfection, without utilizing harmful, often improperly used and ineffective chemicals. The Nemesis™ Cart Trek™ provides reliable, efficient disinfection for virtually any number shopping carts, freight and other similarly sized items, without the use of chemicals.

#### CONSTRUCTION

Inside the Cart Trek™ are ideally placed Typhon™ fixtures. Each Typhon™ uses 3 high output 55W 254 nm radiators for ultra-fast disinfection. Electro-polished reflector system placed in each Typhon™ provides for maximum reflectance. Front and rear pass through doors for entry and exit of shopping carts. The Cart Trek™ is an easy to assemble, standalone system.

#### CONTROL

The Cart Trek™ is controlled through a keypad located on the unit.

#### SAFEGUARDS

Safeguards such as occupancy sensors, door sensors, and ADA compliant audible/visual alerts prevent the Cart Trek from operating while occupied.

#### LISTINGS

All Nemesis™ units are built and registered in our EPA™ registered facility #99690. Proudly designed, sold and manufactured in the USA.

#### UV-C RADIATORS

55W HO radiators emit 55 watts each of powerful 254nm UV-C output, each with a useful life of 9000 hours.

#### WARRANTY

(1) Year 'typical' limited factory warranty included. Extended warranty duration and terms are available upon separate agreement.



EPA Facility #99690-TX-1 EPA Region: 06



## ORDERING INFORMATION

Example: NTC-24-120-CON-2ED

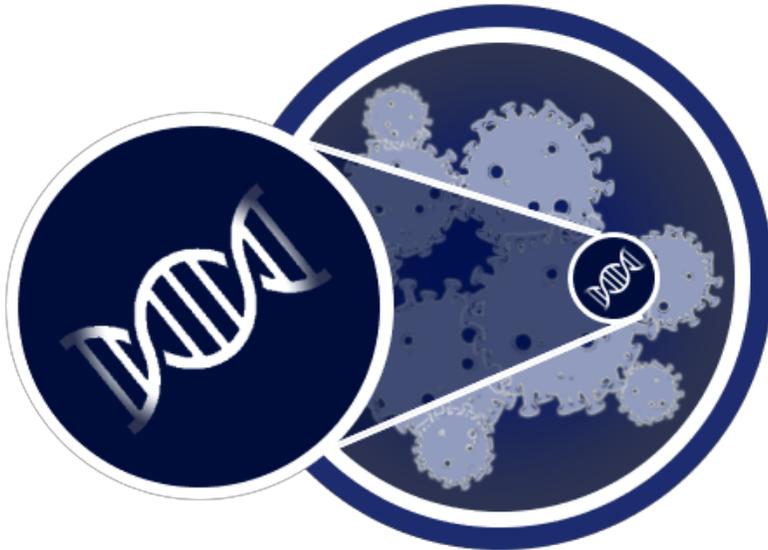
SERIES	LENGTH	VOLTAGE	OPTIONS
NTC Nemesis Shopping Cart Trek	08 8' Length ## Custom Length (in 8ft sections)	120 120V 277 277V	COL Custom Color CBR Custom Branding CON Conveyor System 2ED Second Electric Door

\*For custom TREK sizes, contact factory.

## UV-C DISINFECTION INFORMATION

- UV-C has been a proven disinfectant for over 70 years, and has been used extensively for the past 40 years in various applications
- UV-C light has the ability to inactivate pathogens (both viruses and bacteria) by impacting the cellular RNA and DNA, damaging nucleic acids, and preventing microorganisms from infecting and reproducing.
- UV-C light is invisible to the human eye, though our 254nm radiators contain a fluorescent phosphorous additive that illuminates visible light to ensure you know that the radiator is functional
- 254nm UV-C has been proven to be the optimal wavelength to inactivate pathogens
- Disinfection effectiveness is determined by exposure time and exposure dosage
- UV-C has been proven to be an extremely effective air and surface disinfectant
- UV-C disinfects and inactivates bacteria and viruses fast
- UV-C light can potentially pose a safety/health hazard to the skin and eyes. The Nemesis UV-C series is built with safeguards to ensure the room is unoccupied while direct UV-C radiators.

### How does UV-C destroy microorganisms?



Short-wavelength ultraviolet irradiation kills or inactivates microorganisms by destroying nucleic acids and disrupting their DNA. This leaves the microorganisms unable to perform vital cellular functions, such as infecting and reproducing. The effectiveness of UV-C disinfection depends on the intensity of the radiation, as well as the length of time a microorganism is exposed to the short-wavelength irradiation.