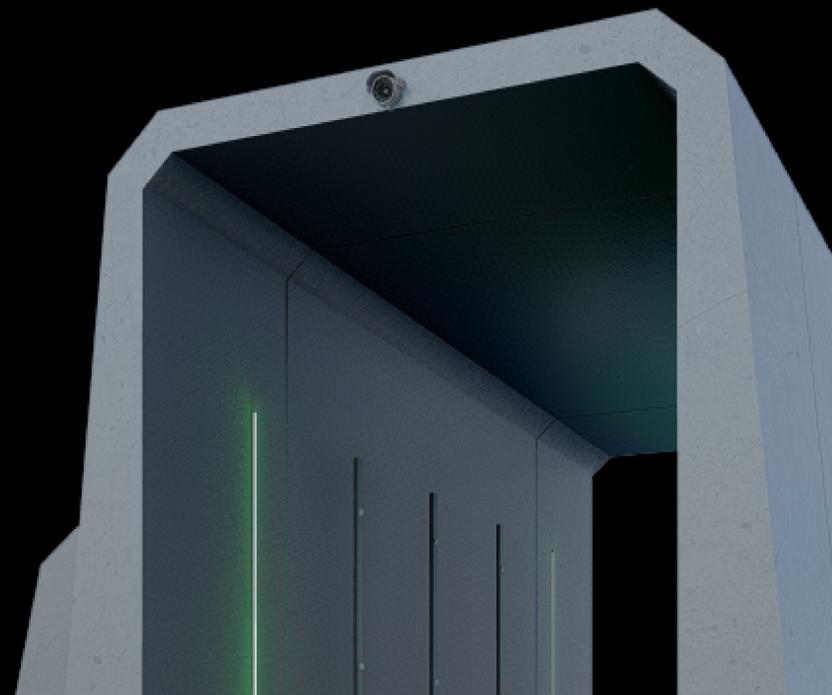




CMS V-Tunnel 200-i

A New Generation Disinfectant,
Fungicide, Virucide, Sporacide &
Deodorizer

www.CanadianMedicalSys.com





New Generation Disinfectant SMART Tunnel

CMS V-Tunnel 200-i

High Pressure Disinfectant Fog Tunnel, equipped with state of the art technology to ensure personnel safety during a pandemic. The tunnel is equipped with ultra high pressure pumps and a smart liquid delivery mechanism, ensuring high volume operations with minimum down time. Sensors are to measure tank storage, as well as next generation thermal cameras at the entry point with RFID and access control integration.

www.canadianmedicals.com/solutions/v-tunnel

STATE-OF-THE-ART-TECHNOLOGY



EDGE PROCESSING

Enables offline processing, system diagnosis and reporting technology. IOT enabled.



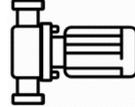
RFID ENABLED

Scans the RFID tag of personnel to ensure they have gone through the disinfecting process.



MACHINE VISION TECHNOLOGY

Next Generation cameras using thermal sensors and Machine Vision technology to verify staff compliance with PPE usage.



HIGH PRESSURE 2L/Min PUMP

Compact and versatile. The most efficient solution ensuring micro particle delivery at the optimum rate.

ADVANCED BIOCIDES CARTRIDGE SYSTEM



INSTANT MICROBICIDE



NON-TOXIC



FREE OF SOLVANTS

ADVANCED, PROPRIETARY TECHNOLOGY

CMS V-Tunnel® 200-i Premium Disinfectant Tunnel is a one-size solution for multiple environments, both indoor and outdoor.

The multi-layered system enables users to be sprayed from various angles to ensure complete coverage.

State-of-the-Art technology is used to gather data on the number of users, their RFID information and the duration of the application.

The non-slip rubber floor ensures safe footing during continuous applications.

Intelligent Variable Timing (IVT) enables users to adjust the duration of each application and output settings to suit the mission requirements.

"PLUG & PLAY" INTEGRATION

CMS V-Tunnel® 200-i features an easy setup, with an adjustable stand, ensuring installation on any surface type, both indoors and outdoors.

The water tanks, reservoir and all equipment are integrated within the structure of the tunnel, incorporating an easy-access water and power supply. These structures are mobile and can be powered with a generator and/or powered with any hard power source. These mobile tunnels do not require hard plumbing.

The internal tank sensors indicate the level of liquid remaining and sends a notification when the tanks are running low.

Fully automatic or semi-automatic operations:
Full automatic mode: System is to be connected to a domestic source of water where only a cartridge swap is required every 4,800 applications.

Semi automatic mode: System uses integral water tanks, and a cartridge swap water tank refill would be required every 4,800 applications.

CUTTING-EDGE PERFORMANCE AND RELIABILITY

CMS V-Tunnel® 200-i features cutting-edge software and hardware, which have undergone strict quality control to ensure reliability.

IP65 water-resistance rating is to ensure reliable outdoor performance.

All CMS V-Tunnel® 200-i units are covered under a one year limited warranty and lifetime technical support. Terms and Conditions may apply.

The Integral Electronic Unit (IEU) communicates the position or state of system components using integral sensors, and it notifies the operator in case of malfunction of any system or component.

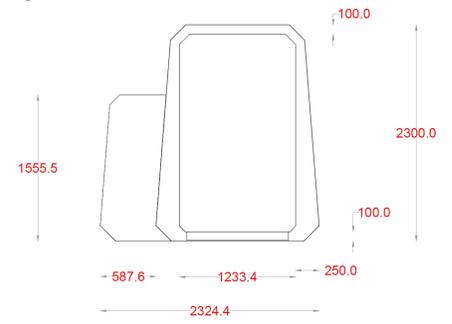
CMS V-Tunnel® 200-i is easily transportable using its integral mobility platform.

Specifications

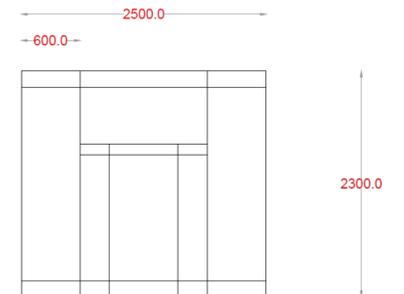
Model	CMS V-Tunnel® 200-i
Motion Sensor	TCD-IR-54ii
Main Controller	Tangent Fan-less Computer, Dual Core, 4GBRAM
Fog Factory	INVTI-FG360
Water Tank	T350UNA6V
Spray Nozzles	0.2mm Brass Nozzle
Display	10" Capacitive Touch
Power Consumption	110W
Input Voltage	110V to 230V-50Hz
Dimensions	2.35 x 2.3 x 2.5m
Weight	338 Kg / (745 lbs.)
Video	
Composite Video NTSC or PAL	Hybrid system with IP & analog video
Analog Video Output Composite	Two independent channels of H.264 and MJPEG
Environment	
IP Rating	IP65
Operating Temperature	-40° to 55° C (-40° to 143° F)
Storage Temperature	-40° to 70° C (-40° to 158° F)
Humidity	10%-90% relative humidity
Regulatory	FCC Part 15 (Subpart B, Class A), CE marked, EN55032, EN55024, RoHS, WEEE

Dimensions

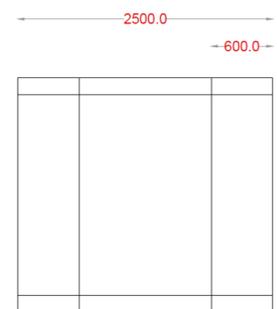
Front



Side L



Side R



How it works.

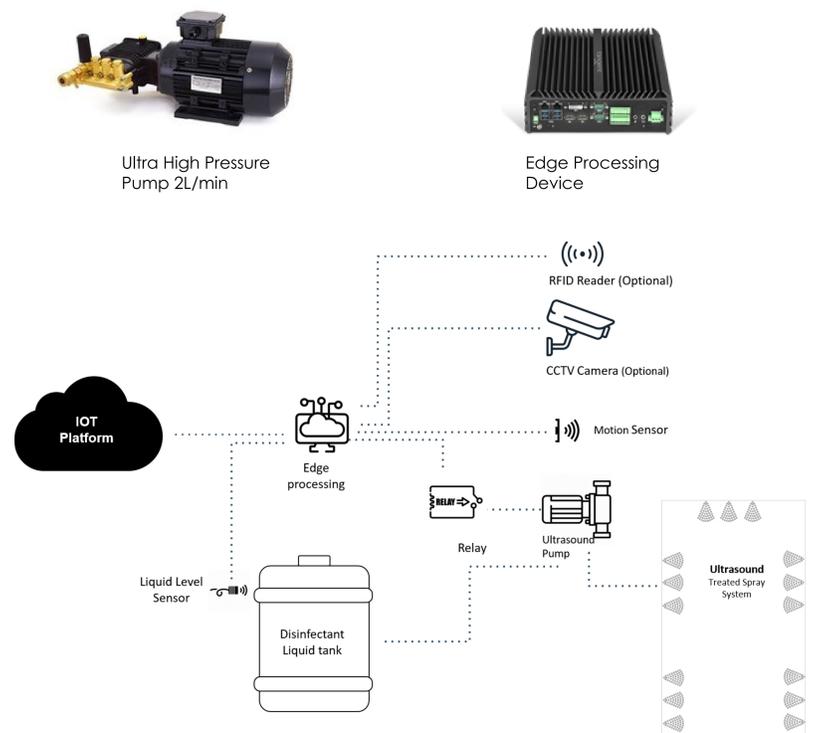
The organic, eco-friendly tablets are discharged from a cartridge attached to the water tank(s). Once dissolved in water, they create a disinfectant liquid that is converted into a fog. When sprayed, it will cover the maximum surface area of any object and/or person inside the tunnel.

The spray consists of micro particle disinfectant and sanitizers capable of destroying 99.99% of viruses, bacteria, mold, fungi and spores.

The tunnel is controlled using an Edge processing device which is IOT enabled, where it also provides reports and analytics pertaining to user details, including but not limited to:

- a) Number of users;
- b) User's RFID data;
- c) User's body temperature; and
- d) User's compliance with PPE policies.

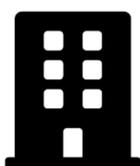
Alarm enabled - In the event of a user high temperature, an alarm and notification will be initiated through visual, aural and written methods.



APPLICATIONS FOR CMS V-Tunnel® 200-i USAGE



MALLS & GROCERY STORES



BUILDINGS & RETIREMENT HOMES



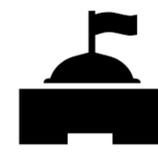
AIRPORTS



HOSPITALS & LTC FACILITIES



SCHOOLS, COLLEGES & UNIVERSITIES



GOVERNMENT BUILDINGS



MANUFACTURING & WAREHOUSING FACILITIES

Biotab7 Tablet Cartridge System

What is a disinfectant?

In simple terms: A disinfectant is a chemical that destroys, neutralizes and/or inhibits the growth of disease-carrying microorganisms.

In technical terms: Destruction of 99.99% of pathogenic and non-pathogenic microorganisms, their toxins, or vectors, by direct exposure to chemical agents.

6 Reasons for BIOTAB7



1. EASY TO USE

Add five x 1gram tabs to a 1 q spray bottle. Apply.



2. FAST

1 to 5 minutes = mold destroyed.



3. LOW-COST

The tablet form keeps costs down. You get 50 tabs in a 50g pouch, providing multiple uses from one pouch.



4. DOESN'T STINK

Biotab7 is commonly used as an air purifier. No chemical smells or toxic odors.



5. POTENT BUT SAFE

Biotab7 only attacks the bad guys. It is safe to use around children and animals. Non-carcinogenic and no toxic by-products.



6. LITERALLY CLEANS THE AIR

Bona fide air decontaminator. Remember the 2001 anthrax attacks? The same chemistry was used to kill the anthrax spores. It also kills mold spores.

KILLS DANGEROUS PATHOGENS



- ✓ E. Coli
- ✓ Salmonella
- ✓ Tuberculosis (TB)
- ✓ MRSA (Staph)
- ✓ Influenza A (H1N1)
- ✓ Norovirus
- ✓ Listeria

SAFETY FIRST



Biotab7 is a disinfectant you can trust. With one tab in one quart of water, you have a NSF D2 food contact safe sanitizer. It kills common germs like E coli. and salmonella that can lead to food-borne illnesses, and kills the flu to prevent the spread of outbreaks.

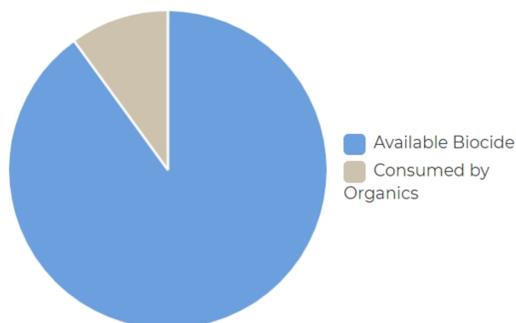
WHY YOU NEED BIOTAB7

Biotab7 is versatile, working from very low concentrations to disinfect water, right up to high concentrations for medical-grade sterilization. All in one product.

COMPARING BIOTAB7

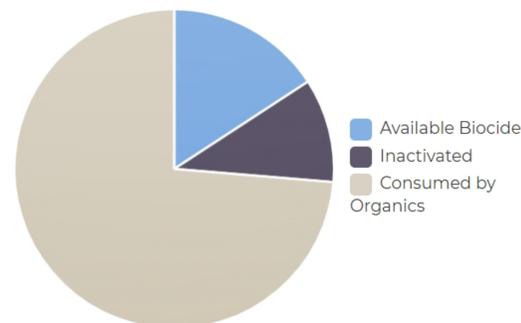
AVAILABLE BIOCIDES

BIOTAB7



Biotab7 is extremely efficient with very little waste. Less product is needed, because 1 unit of **our product is 2.6 times more effective** than 1 unit of chlorine.

CHLORINE



Chlorine is not as sophisticated as Biotab7. It takes more of the product to get a similar result, and it also comes with a price: toxic byproducts.

BIOTAB7 CERTIFICATIONS



EPA REGISTERED



NSF/ANSI 60



NSF D2



USDA COMPLIANT



CANADA ORGANIC



ONSSA



DUBAI



Canadian Medical Systems

Canadian Medical Systems, Inc.

✉ Info@CanadianMedicalSys.com

☎ 1 (416) 572 2186

☎ 1 (866) 848 8225

🌐 CanadianMedicalSys.com