



Public Health

Product Overview

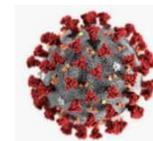
How we got here...

- Our parent company in Wichita, KS created a solution in 2013 to eliminate bacteria and viruses on turf sports fields utilizing our technology.
- We have a team of engineers, chemist and a retired NASA scientist that worked on designing the International Space System's water supply system using the same technology that Sarus Systems uses.
- We have created two successful brands to fill specific market needs addressing bacteria, viruses and odor.
 - Scent Crusher – 2015 Archery Hunting
 - Odor Crusher – 2017 Law Enforcement, Sports & First Responders
- In 2018-19, we developed a proprietary product for a billion-dollar public



What we do...

- Sarus System uses an oxygen technology that we further atomize with a NEW formulated patented process proven to disinfect SARS-CoV-2, the cause of the COVID-19 pandemic.
- Provides a cost effective, easy solution to cleaning and treating high-touch and daily use items.
- Patent pending technology with FDA submission pending.



Sarus Systems...About Our Process

- What is our process?
 - We utilize Ozone that we further atomize for our proprietary process with a concentrated sanitizing solution added
- Purifies, disinfects and sanitizes surfaces easily
- Inexpensive to produce and has an unlimited supply
- Independent testing completed on SARS-CoV-2



Sarus Systems...Testing Results



Determination of the Effectiveness of Novel Ozone Based Technologies against SARS-CoV-2

Final Report

MRI Global

- Approved by:
 - FDA
 - ISO
 - DOD
 - CDC
 - EPA
 - USDA
- Biological Class 3 Facility

Table 1. Percent Reduction of Each Test Device

Test Device	Cycle Time (minutes)	% Reduction of SARS-CoV-2 Stainless Steel	% Reduction of SARS-CoV-2 KN95 Mask
Tote	60	99.97%	99.98%
Closet	90	99.92%	99.99%
Room	90	99.79%	N/A



Sarus Systems...Guidelines For Use

Sanitizing with wipes and sprays cannot eliminate 100% of bacteria or viruses and trying to do this manually can take hours each day with limited efficacy. For the safety of family, friends or staff, Sarus Systems provides an extra layer of protection that eliminates bacteria and viruses in cracks, crevices, flat surfaces, etc... Sarus Systems ease of use solutions eliminate over 99.9% of bacteria and viruses.

Two Phase Protocol

1. Treat the area occupied at least once a day
2. Disinfect commonly used personal items before entering the sanitized space. This provides the greatest level of protection.
 - *Items can include: Clothing, boots/shoes, jackets, hats, cell phones, backpacks, groceries, mail/packages, gloves, first-responder and medical gear etc.*



Other Temporary Solutions in the Market*

Specialized Cleaning Firms

- Uses a “thermal fog” and wiping method

Clorox, Lysol & 3M Disinfectants

- Spray application with air-dry and wipe methods
- 10-minute contact time

UV Light

- Only as good as line of sight

Fogger/Electrostatic Sprayer

- Uses disinfectant spray
- Costly treatment, residue
- ***Requires trained personnel***

Weaknesses

- Expensive, chemical residue
- High cost consumables
- Hands-on Manual Application
- Labor Intensive
- Time Consuming
- Only effective as the person is diligent and until the next exposure



Commercial Sanitizing Station



How It Works

- Fill the station with clothes, high touch items, everyday items, etc.
- Fill the reservoir with water
- Place one optimizing agent tablet in the water reservoir
- Turn the generator on for 90 minutes
- Done - **EASY!**

Product Details

- Built in programmable generator with a concentrated sanitizing solution reservoir
- Included optional direct water line input
- Easy Touchscreen Operation
- 90 Minute Run Time
- 10,000-Hour Maintenance Free Use
- 2 Year Warranty



Applications

- Clothing
- Bags/Backpacks
- Mail/Packages
- Electronics
- Medical Instruments
- Personal Items
- High Touch Items
- Tools



Commercial Large Room Sanitizer



How It Works

- Use to eliminate viruses and bacteria in offices, conference rooms, customer traffic areas, lobbies, etc.
- Place the unit in the middle of the area to disinfect
- Fill the reservoir with water
- Place one optimizing agent tablet in the water reservoir
- Close all windows and doors
- Turn the generator on for 90 minutes
- Leave the room promptly
- Done - **EASY!**

Product Details

- Easy Touchscreen Operation Includes Remote
- Programmable Timer
- Concentrated sanitizing solution reservoir
- 90 Minute Run Time
- Bluetooth Operation Signals Cycle Complete/Safe Entry
- 10,000-Hour Maintenance Free Use
- 2 Year Warranty
- Room Size – Treats Up To 1,250 sq. ft.



Applications

- Government Offices
- Tag Offices
- Drivers License Offices
- Lobbies
- High Traffic Areas
- Healthcare
- Jails/Prisons
- Transportation
 - Buses
 - Police Cars
 - Fire Trucks
 - Ambulances



Optimizing Agent

- Proprietary tablets that are added to the water reservoir when refilled.
- All natural and Eco Safe
- Our formula is biodegradable, phosphate free and non-toxic.
- No residue, no need for additional cleaning or wiping of surfaces



Purchasing Terms

Purchase

- **\$15,000 each**
- **3 Month Supply of Optimizing Tablets**
- **Setup and Training included**





Sanitation Closet ROI

Amortized for 48 months:

- \$355.08 = 142 masks saved break even/mo.
or
- Use 4.5x/day = 1,379,700 masks, \$3,422,873 approx. 4-year savings

Purchase:

- Cost per Cycle \$1.25
- \$15,000 = 6,000 masks saved break even
or
- Use 4.5x/day = 1,379,700 masks, \$3,425,917 approx. 4-year savings

FDA EUA Approval Pending





Room Sanitizer - ROI

Amortized for 48 months $\$355.08 = \3.05 cost/cycle, $\$0.0024$ /sq. ft.
or

- 90 min/area @ $\$15.00$ /hr. wage with $\$1.00$ in COVID cleaning supplies = $\$130,289.49$ savings over 4 years or
- 23 hours/mo or 6 hours/wk of less labor is breakeven

Purchase:

- $\$15,000 = \2.75 cost/cycle, $\$0.0044$ /sq. ft.
- $\$1.25$ cost per cycle after purchase
- 90 min/area @ $\$15.00$ /hr. wage with $\$1.00$ in COVID cleaning supplies = $\$133,333.33$ savings over 4 years

Average cost to disinfect an average room using current solutions in the marketplace:
($\$0.30 - \0.50 / sq. ft.)



Who Needs to be Safe in Kansas?

- Students, Teachers, Athletes & Administrators
- Long Term Healthcare Residents and Staff
- Hospitals, ER, Testing Patient Rooms, Ambulances- PPE reuse
- Doctors Offices, Clinics, Testing Facilities
- Jails and Law Enforcement
- High Traffic Offices
- Business Locations, Restaurants, Retail
- Factory Production & Meat Packing
- Hospitality and Tourism
- Rural & Municipal Application

Clean is Really Clean, *Sarus Certified Clean*



In Conclusion

- Our products have been demonstrated to disinfect SARS-CoV-2 with independent lab testing
- Set It and Walk Away - Significant labor, equipment and chemical savings
- Easy, Reliable Solution
- High return on investment
- No messy clean up or hazardous chemical residue
- Clean is really clean, *Sarus Certified Clean*



Additional Information

Website: <https://www.sarussystems.com/>

Dr. Lakin Video: <https://www.sarussystems.com/how-it-works/>

Demo of Room Unit Animation: <https://vimeo.com/447477490>

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