

# LIGHTSTROKE™

Germ-Zapping Robots™

High Intensity,  
Broad Spectrum UV Light  
Destroys Pathogens Fast

45+

Peer-Reviewed, Published Studies<sup>1</sup>

4300x

More Intense than a standard UV Lamp<sup>2</sup>

## Product Features:

- Rapid Disinfection cycles<sup>3</sup>
- Intelligent motion detection
- Smart Door Cone with on-board cone charging
- Additional Tethered Motion Cone can be acquired for rooms with multiple entries
- On-demand reporting through Xenex's secure, cloud-based Portal using Wi-Fi or Cellular data
- Flexibility to customize room type and users to improve reporting capabilities
- Proven to not damage surfaces or materials the way typical Mercury UV lamps do<sup>4</sup>



**XENEX®**  
Germ-Zapping Solutions™

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xenex.com | 800.553.0069

1. xenex.com/studies

2. Based on Xenex testing of Xenex's Pulsed Xenon lamp peak power and the Phillips RUV32HO Mercury Lamp

3. Cycle times are determined by room size and pathogen.

4. Data on file.

# LIGHTSTRIKE™

Germ-Zapping Robots™

## Proven Results, Easy to Deploy

### Why is LightStrike so Effective at Deactivating Pathogens?

Unlike the typical Low Pressure Mercury UV lamps, LightStrike's Pulsed Xenon lamp emits intense Broad Spectrum UV light across the **full germicidal spectrum** (200-315nm), while Low Pressure Mercury sits at 253.7nm.

The intensity and broad spectrum nature of LightStrike means you can quickly and effectively deactivate pathogens where they are most susceptible.<sup>5</sup>

### Our Commitment:

- Effective, evidence-based disinfection products and services
- Results-driven best practices
- Program support and expertise
- Positive impact through our **Certainty of Process™**
  - **Xenex's** repeatable approach to effective and efficient disinfection. We combine our technology and people to help you achieve your disinfection goals



Some of the 1,000+  
Clients Deploying  
Xenex Programs:



MD Anderson  
Cancer Network™



MAYO CLINIC



# LIGHTSTRIKE<sup>TM</sup>+

Germ-Zapping Robots<sup>TM</sup>

Powered by XENEX<sup>®</sup>  
Germ-Zapping Solutions<sup>™</sup>

FDA Sets a New Standard by  
Authorizing LightStrike+,  
the First and Only  
Microbial Reduction Robot<sup>TM</sup>

## 2 Min

Microbial Reduction Cycles  
in as Little as 2 Minutes<sup>1</sup>

### Product Features:

- Sets up in seconds
- Intelligent motion detection
- Smart Door Cone with on-board cone charging
- Additional Tethered Motion Cone can be acquired for rooms with multiple entries
- On-demand reporting through Xenex's secure, cloud-based portal using Cellular or Wi-Fi data
- Flexibility to customize room type and users to improve reporting capabilities



xenex.com  
800.553.0069

1. As indicated in the product's Instructions for Use

2023-08-29 | 730-10119-03  
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# LIGHTSTRIKE+ Germ-Zapping Robots™

Powered by **XENEX**  
Germ-Zapping Solutions™

## The First & Only FDA Authorized Microbial Reduction Robot™ for the Healthcare Environment

### The Problem

Liquid chemical cleaning alone is not sufficient. In fact, research has shown that 48% of hospital room surfaces are not properly disinfected during the liquid chemical cleaning process<sup>2</sup> - increasing the risk of pathogen transmission from surfaces to staff and patients.

### Our Solution

LightStrike+ provides a validated means to significantly reduce the pathogens that survive liquid chemical cleaning.

Our FDA Authorized pulsed xenon, broad-spectrum (240-315nm) UV product uses targeted cycle times to inactivate spores and a variety of vegetative bacteria.

### Our Commitment:

- Effective, evidence-based microbial reduction products and services
- Results-driven best practices
- Program support and expertise
- Positive impact through our **Certainty of Process™**
- **Xenex's** repeatable approach to effective and efficient pathogen reduction. We combine our technology and people to help you achieve your disinfection goals.



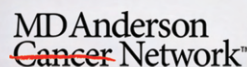
2023-03-29 | 730-10119-03  
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2. Carling P: Improving Cleaning of the Environment Surrounding Patients in 36 Acute Care Hospitals. Am J Infect Control 2008, vol. 29:11, pp 1035-1041.

3. Associated with Non-Medical Device Products.

Some of the 1,200+ Clients  
Deploying Xenex Programs:<sup>3</sup>



MAYO CLINIC



# TRACKMATE™

Powered by XENEX®

## World's First Disinfection Tracking System Solution for IC 02.02.01-EP1

### Is it clean or is it dirty?

**TrackMate** is a patented technology developed **at hospitals for hospitals** to address disinfection of Portable Medical Equipment (PME) and areas.

#### Displays Disinfection Status:

- *At The Time of Care*
- *At The Point of Care*
- *To The End User*

**NIH-funded** studies\* showed:

**2X** more PME disinfection events

**0** training, **2X** increase achieved

**100%** tracked compliance



xenex.com | 800.553.0069

\* Williams, M., et al. CIN: Computers, Informatics, Nursing 39.12 (2021): 1035-1040.  
• Crowley, P., et al. AJIC 50.12 (2022): 1322-1326.  
• Chatterjee, P., et al. SAGE Open Medicine 11 (2023): 20503121231162290.  
• Martel, J., et al. AJIC 49.10 (2021): 1287-1291.

# No More Paper Logs. No More Equipment Tags.

Scan to get  
TrackMate



## Instantly Track and Report Disinfection Compliance with TrackMate™

TrackMate is an intervention and compliance tool that:

- Registers each disinfection event for Portable Medical Equipment (PME) or areas
  - Registers liquid chemical cleaning and UV disinfection events
- Stores disinfection data in a secure, self-service Portal
- Provides the data you've wanted for compliance and Joint Commission reporting

TrackMate can be used for disinfection compliance  
with a variety of PME and areas in healthcare facilities.



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# TRACKMATE™

Powered by XENEX®

## World's First Digital Tracking System for Healthcare Facilities to Track Cleaning Events

Solution for IC 02.02.01-EP1

### Is it clean or is it dirty?

**TrackMate** is a patented technology developed **at hospitals for hospitals** to track cleaning events (whether liquid chemical or UV) of Portable Medical Equipment (PME) and areas.

#### Displays Cleaning Event Status:

- *At The Time of Care*
- *At The Point of Care*

**NIH-funded** studies\* showed:

**2X** more PME cleaning events

**0** training, **2X** increase achieved

**100%** tracked compliance



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\* Williams, M., et al. CIN: Computers, Informatics, Nursing 39.12 (2021): 1035-1040.  
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TrackMate can be used for cleaning compliance  
with a variety of PME and areas in healthcare facilities.



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# BIOFIRE® PANELS

6 Panels. 170+ Targets. ~1 Hour.



## BIOFIRE® RESPIRATORY 2.1 PANEL

22 Targets. ~45 Minutes.



## BIOFIRE® BLOOD CULTURE IDENTIFICATION 2 PANEL

43 Targets. ~1 Hour.



## BIOFIRE® FILMARRAY® GASTROINTESTINAL PANEL

22 Targets. ~1 Hour.



## BIOFIRE® FILMARRAY® MENINGITIS/ ENCEPHALITIS PANEL

14 Targets. ~1 Hour.



## BIOFIRE® FILMARRAY® PNEUMONIA PANEL

33 Targets. ~1 Hour.



## BIOFIRE® JOINT INFECTION PANEL

39 Targets. ~1 Hour.



# BIOFIRE® RESPIRATORY 2.1 (RP2.1) PANEL

22 Targets. ~45 Minutes.

## VIRUSES

Adenovirus  
Coronavirus 229E  
Coronavirus HKU1  
Coronavirus NL63  
Coronavirus OC43  
Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)  
Human metapneumovirus  
Human rhinovirus/enterovirus

Influenza A virus  
Influenza A virus A/H1  
Influenza A virus A/H3  
Influenza A virus A/H1-2009  
Influenza B virus  
Parainfluenza virus 1  
Parainfluenza virus 2  
Parainfluenza virus 3  
Parainfluenza virus 4  
Respiratory syncytial virus

## BACTERIA

*Bordetella parapertussis*  
*Bordetella pertussis*  
*Chlamydia pneumoniae*  
*Mycoplasma pneumoniae*

US FDA-cleared

## BIOFIRE RP2.1 Panel Specifications

**Sample Type:** nasopharyngeal swab in transport media or saline

**Hands-On Time:** approximately 2 minutes

**Sample Volume:** 0.3 mL

**Overall Performance:** 97.1% sensitivity, 99.3% specificity<sup>1</sup>  
**SARS-CoV-2 Performance:** 98.4% PPA, 98.9% NPA<sup>2</sup>

**Storage Conditions:** all kit components stored at room temperature (15 – 25°C)

## Part Number

**BIOFIRE RP2.1 Panel Reagent Kit (30 Pouches):** 423742

1. Overall performance based on prospective clinical study for the BIOFIRE® FILMARRAY® Respiratory 2 Panel, data on file, BioFire Diagnostics.

2. Overall performance based on prospective SARS-CoV-2 clinical study for the BIOFIRE® Respiratory 2.1 Panel in comparison to 3 EUA tests, data on file, BioFire Diagnostics.



# BIOFIRE® BLOOD CULTURE IDENTIFICATION 2 (BCID2) PANEL

43 Targets. ~1 Hour.

## GRAM-NEGATIVE BACTERIA

*Acinetobacter calcoaceticus-baumannii* complex  
*Bacteroides fragilis*  
*Enterobacteriales*  
*Enterobacter cloacae* complex  
*Escherichia coli*  
*Klebsiella aerogenes*  
*Klebsiella oxytoca*  
*Klebsiella pneumoniae* group  
*Proteus* spp.  
*Salmonella* spp.  
*Serratia marcescens*  
*Haemophilus influenzae*  
*Neisseria meningitidis*  
*Pseudomonas aeruginosa*  
*Stenotrophomonas maltophilia*

## GRAM-POSITIVE BACTERIA

*Enterococcus faecalis*  
*Enterococcus faecium*  
*Listeria monocytogenes*  
*Staphylococcus* spp.  
*Staphylococcus aureus*  
*Staphylococcus epidermidis*  
*Staphylococcus lugdunensis*  
*Streptococcus* spp.  
*Streptococcus agalactiae*  
*Streptococcus pneumoniae*  
*Streptococcus pyogenes*

## YEAST

*Candida albicans*  
*Candida auris*  
*Candida glabrata*  
*Candida krusei*  
*Candida parapsilosis*  
*Candida tropicalis*  
*Cryptococcus (C. neoformans/C. gattii)*

## ANTIMICROBIAL RESISTANCE GENES

### Carbapenemases

IMP  
KPC  
OXA-48-like  
NDM  
VIM

### Colistin Resistance

*mcr-1*

### ESBL

CTX-M

### Methicillin Resistance

*mecA/C*  
*mecA/C* and MREJ (MRSA)

### Vancomycin Resistance

*vanA/B*

US FDA-cleared |  2797

## BIOFIRE BCID2 Panel Specifications

**Sample Type:** positive blood culture

**Hands-On Time:** approximately 2 minutes

**Sample Volume:** 0.2 mL

**Performance:** 99.0% sensitivity, 99.8% specificity<sup>3</sup>

**Storage Conditions:** all kit components stored at room temperature (15 – 25°C)

## Part Number

**BIOFIRE BCID2 Panel Reagent Kit (30 Pouches):** RFIT-ASY-0147

3. Overall performance is the aggregate of the prospective, archived, and seeded data from the clinical studies. Data on file, BioFire Diagnostics.



# BIOFIRE® FILMARRAY® GASTROINTESTINAL (GI) PANEL

22 Targets. ~1 Hour.

## BACTERIA

*Campylobacter* (*C. jejuni*/*C. coli*/*C. upsaliensis*)  
*Clostridioides* (*Clostridium*) *difficile* (toxin A/B)  
*Plesiomonas shigelloides*  
*Salmonella*  
*Vibrio* (*V. parahaemolyticus*/*V. vulnificus*/*V. cholerae*)  
*Vibrio cholerae*  
*Yersinia enterocolitica*  
Diarrheagenic *Escherichia coli*/*Shigella*  
Enteroaggregative *E. coli* (EAEC)  
Enteropathogenic *E. coli* (EPEC)  
Enterotoxigenic *E. coli* (ETEC) *lt/st*  
Shiga-like toxin-producing *E. coli* (STEC) *stx1/stx2*  
*E. coli* O157  
*Shigella*/Enteroinvasive *E. coli* (EIEC)

## VIRUSES

Adenovirus F40/41  
Astrovirus  
Norovirus GI/GII  
Rotavirus A  
Sapovirus (I, II, IV, and V)

## PARASITES

*Cryptosporidium*  
*Cyclospora cayetanensis*  
*Entamoeba histolytica*  
*Giardia lamblia*

US FDA-cleared | CE

## BIOFIRE GI Panel Specifications

**Sample Type:** stool sample in Cary Blair

**Hands-On Time:** approximately 2 minutes

**Sample Volume:** 0.2 mL

**Performance:** 98.5% sensitivity, 99.2% specificity<sup>4</sup>

**Storage Conditions:** all kit components stored at room temperature (15 – 25°C)

## Part Number

**BIOFIRE GI Panel Reagent Kit (30 Pouches):** RFIT-ASY-0116

**BIOFIRE GI Panel Reagent Kit (6 Pouches):** RFIT-ASY-0104

4. Overall performance based on prospective clinical study for the BIOFIRE® FILMARRAY® Gastrointestinal Panel, data on file, BioFire Diagnostics.



# BIOFIRE® FILMARRAY® MENINGITIS/ENCEPHALITIS (ME) PANEL

14 Targets. ~1 Hour.

## BACTERIA

*Escherichia coli* K1  
*Haemophilus influenzae*  
*Listeria monocytogenes*  
*Neisseria meningitidis*  
*Streptococcus agalactiae*  
*Streptococcus pneumoniae*

## VIRUSES

Cytomegalovirus (CMV)  
Enterovirus (EV)  
Herpes simplex virus 1 (HSV-1)  
Herpes simplex virus 2 (HSV-2)  
Human herpesvirus 6 (HHV-6)  
Human parechovirus (HPeV)  
Varicella zoster virus (VZV)

## YEAST

*Cryptococcus (C. neoformans/C. gattii)*

US FDA-cleared | CE<sub>2797</sub>

## BIOFIRE ME Panel Specifications

**Sample Type:** cerebrospinal fluid (CSF)

**Hands-On Time:** approximately 2 minutes

**Sample Volume:** 0.2 mL

**Performance:** 94.2% sensitivity, 99.8% specificity<sup>5</sup>

**Storage Conditions:** all kit components stored at room temperature (15 – 25°C)

## Part Number

**BIOFIRE ME Panel Reagent Kit (30 Pouches):** RFIT-ASY-0118

**BIOFIRE ME Panel Reagent Kit (6 Pouches):** RFIT-ASY-0119

5. Overall performance based on prospective clinical study for the BIOFIRE® FILMARRAY® Meningitis/Encephalitis Panel, data on file, BioFire Diagnostics.



# BIOFIRE® FILMARRAY® PNEUMONIA (PN) PANEL

33 Targets. ~1 Hour.

## BACTERIA (Semi-Quantitative)

*Acinetobacter calcoaceticus-  
baumannii* complex  
*Enterobacter cloacae* complex  
*Escherichia coli*  
*Haemophilus influenzae*  
*Klebsiella aerogenes*  
*Klebsiella oxytoca*  
*Klebsiella pneumoniae* group  
*Moraxella catarrhalis*  
*Proteus* spp.  
*Pseudomonas aeruginosa*  
*Serratia marcescens*  
*Staphylococcus aureus*  
*Streptococcus agalactiae*  
*Streptococcus pneumoniae*  
*Streptococcus pyogenes*

## ATYPICAL BACTERIA (Qualitative)

*Chlamydia pneumoniae*  
*Legionella pneumophila*  
*Mycoplasma pneumoniae*

## VIRUSES

Adenovirus  
Coronavirus  
Human metapneumovirus  
Human rhinovirus/enterovirus  
Influenza A virus  
Influenza B virus  
Parainfluenza virus  
Respiratory syncytial virus

## ANTIMICROBIAL RESISTANCE GENES

### Carbapenemases

IMP  
KPC  
NDM  
OXA-48-like  
VIM

### ESBL CTX-M

### Methicillin Resistance *mecA/C* and MREJ (MRSA)

US FDA-cleared |  2797

## BIOFIRE PN Panel Specifications

**Sample Type:** BAL-like (including mini-BAL), Sputum-like (including ETA)

**Hands-On Time:** approximately 2 minutes

**Performance:** BAL-like (including mini-BAL): 96.2% sensitivity, 98.3% specificity; Sputum-like (including ETA): 96.3% sensitivity, 97.2% specificity<sup>6</sup>

**Storage Conditions:** all kit components stored at room temperature (15 – 25°C)

## Part Number

**BIOFIRE PN Panel Reagent Kit (30 Pouches):** RFIT-ASY-0144

6. Overall performance based on prospective clinical study for the BIOFIRE® FILMARRAY® Pneumonia Panel, data on file, BioFire Diagnostics.



# BIOFIRE® JOINT INFECTION (JI) PANEL

39 Targets. ~1 Hour.

## GRAM-POSITIVE BACTERIA

*Anaerococcus prevotii/vaginalis*  
*Clostridium perfringens*  
*Cutibacterium avidum/granulosum*  
*Enterococcus faecalis*  
*Enterococcus faecium*  
*Fingoldia magna*  
*Parvimonas micra*  
*Peptoniphilus*  
*Peptostreptococcus anaerobius*  
*Staphylococcus aureus*  
*Staphylococcus lugdunensis*  
*Streptococcus* spp.  
*Streptococcus agalactiae*  
*Streptococcus pneumoniae*  
*Streptococcus pyogenes*

## GRAM-NEGATIVE BACTERIA

*Bacteroides fragilis*  
*Citrobacter*  
*Enterobacter cloacae* complex  
*Escherichia coli*  
*Haemophilus influenzae*  
*Kingella kingae*  
*Klebsiella aerogenes*  
*Klebsiella pneumoniae* group  
*Morganella morganii*  
*Neisseria gonorrhoeae*  
*Proteus* spp.  
*Pseudomonas aeruginosa*  
*Salmonella* spp.  
*Serratia marcescens*

## YEAST

*Candida* spp.  
*Candida albicans*

## ANTIMICROBIAL RESISTANCE GENES

### Carbapenemases

IMP  
KPC  
NDM  
OXA-48-like  
VIM

### ESBL

CTX-M

### Methicillin Resistance

*mecA/C* and *MREJ* (MRSA)

### Vancomycin Resistance

*vanA/B*

US FDA-cleared | CE<sub>2797</sub>

## BIOFIRE JI Panel Specifications

**Sample Type:** synovial fluid

**Hands-On Time:** approximately 2 minutes

**Sample Volume:** 0.2 mL

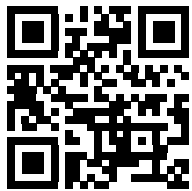
**Performance:** 91.7% sensitivity, 99.8% specificity<sup>7</sup>

**Storage Conditions:** all kit components stored at room temperature (15 – 25°C)

## Part Number

**BIOFIRE JI Panel Reagent Kit (30 Pouches):** RFIT-ASY-0138

<sup>7</sup> Overall performance based on prospective clinical study for the BIOFIRE® Joint Infection Panel, data on file, BioFire Diagnostics.



Scan the QR code  
for more information.

Learn more about the BIOFIRE range of commercially available  
panels for syndromic infectious disease diagnostics.



## Contact Us

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Tel: +1-801-736-6354  
[insidesales@biomerieux.com](mailto:insidesales@biomerieux.com)

Product availability varies by country. Consult your bioMérieux representative.

BF0002-2131-01



# EnSURE™ Touch

Cleaning Verification.  
Designed for You.



# EnSURE™ Touch

Hygiena understands patient health and maximizing insurance reimbursements are essential to your business. Your success depends on the cleanliness of your facility. Published research shows that even with best efforts put forward, on average, only 34-40% of hospital surfaces are actually cleaned to policy standards. Your constant battle against *C. difficile*, MRSA, and other healthcare-associated infections require a proven and effective cleaning verification program. Implementing a monitoring system improves cleaning thoroughness from 40% to 82%<sup>1</sup>. The EnSURE Touch provides you with the data you need to ensure patient health and maximize insurance reimbursements.

## Features & Benefits:

EnSURE™ Touch is the next-generation cleaning verification and monitoring system. It collects, analyzes, and reports data to help you prove the effectiveness of your facility cleaning and infection prevention programs. The EnSURE Touch is designed to adapt to your workplace and provides the data you need to optimize infection prevention and lower HAI rates.

- Advanced photodiode technology and unique chemistry for maximum sensitivity and durability
- Intuitive smart navigation makes it easy for anyone to use
- Functions like a smartphone
- USB or Wi-Fi sync capability
- Responsive 5-inch shatter-proof touch screen
- Built-in tilt sensor for more accurate readings
- Add data fields such as room number to test results
- Supports multiple languages
- Train remote teams with built-in screen sharing capability
- Auto shut off for smart battery management

## EnSURE Touch Can Help You

### Improve Cleaning

- Measure effectiveness of cleaning tools, products, and procedures
- Identify challenging critical control points

### Improve Training

- Provide on-the-spot feedback
- Identify hard to clean areas

### Motivate Teams

- Engage staff in infection prevention
- Promote teamwork among EVS and IP

### Track Progress

- Post reports in common areas
- Show performance to management

### Reduce HAIs

- Correlate high scores to high HAI risks and low scores to low HAI risks
- Increase reimbursement rate





## Innovation at Your Fingertips

**Quick test:** Run a test from any plan or location in as few as two touches.

**Locations:** Create testing points with customized fields and pass/fail limits on the go without needing desktop software.

**Plans:** Easily group testing locations into plans and randomize test locations to ensure sampling coverage.

**Users:** Manage user access to differentiate personnel from managers. Enhanced administrator control.

**Results & Reports:** Easily view testing results and trend analysis.

**Search:** Quickly find specific testing plans and locations on the fly, reducing time between tests.

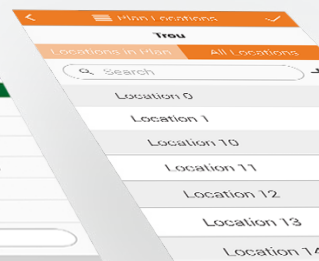
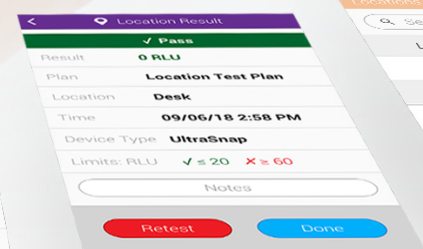
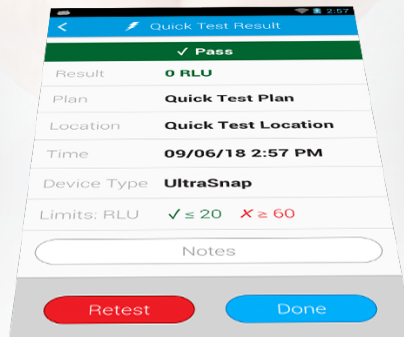
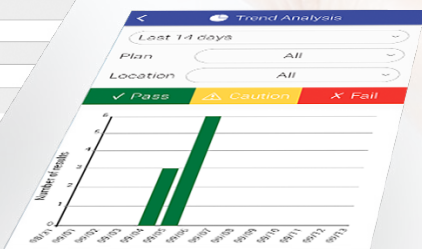
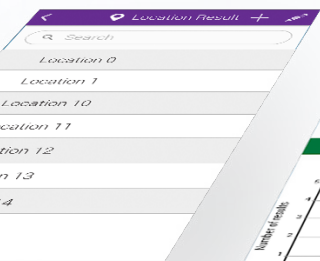
**Sync:** Wirelessly synchronize data to SureTrend Cloud.

**Calibration:** Factory-calibrated and preset checks to stay GMP/ISO-compliant.

**Retest:** Swipe through failed test locations and instantly run re-tests to show effectiveness of corrective action.

**Settings:** Customize settings for language, custom fields, test types, and simulate competitor RLU limits.

**Specifications:** Size: 7" x 3" x 1" • Weight: 0.7 lbs • Memory: 2GB internal + cloud storage • Connectivity: USB or Wi-Fi\*  
Language: Supports multiple languages • Battery: Rechargeable Lithium-Ion battery with USB-C charging \*



\* Battery life varies based on use and configuration • \*USB connectivity will be offered in a future software



Data-driven defense  
for your next audit.

\* Desktop version of SureTrend Cloud coming soon

SureTrend™ Cloud is an easy-to-use data analysis software that comes free with every EnSURE Touch. Available in both cloud-based and desktop formats\*, SureTrend Cloud enables users to monitor, track, and trend testing results across multiple facilities and schedule automated reports; making risk management easier than ever.



### Features & Benefits:

- Sync testing results for instant review and analysis
- Filter data by personnel, room number, location, and surface type
- Display test results with interactive charts and quickly discover trends and patterns
- Track and measure progress towards cleaning goals
- Make huddles more impactful by sharing data and celebrating achievements
- Easily configure one or hundreds of instruments from a single SureTrend Account
- Aggregate test data and monitor results across multiple facilities
- Schedule automatic reports delivered directly to your email
- Full online support and resource center only one click away
- Track re-tests to discover opportunities for retraining
- Free upgrades with optional wireless software updates

[suretrend.hygienea.com](http://suretrend.hygienea.com)



# EnSURE™ Touch

Enables evidence-based care standards by producing greater cleaning excellence, and...

- Higher HCAHPS top box scores
- Higher CMS star ratings for “How often were the patient’s rooms and bathrooms kept clean?”
- Higher reimbursements from CMS Value-Based Purchasing Program



**UltraSnap™** | Surface ATP Test



Catalog No. US2020 | Qty: 100

[▶](#) [▶](#) Instructional Video Online

**SuperSnap™** | High-Sensitivity Surface ATP Test



Catalog No. SUS3000 | Qty: 100

[▶](#) [▶](#) Instructional Video Online

**AquaSnap™ TOTAL** | Water ATP Test



Catalog No. AQ-100X | Qty: 100

[▶](#) [▶](#) Instructional Video Online

**AquaSnap™ FREE** | Water ATP Test



Catalog No. AQ-100FX | Qty: 100

[▶](#) [▶](#) Instructional Video Online

**CalCheck** | LED Calibration Verification Device

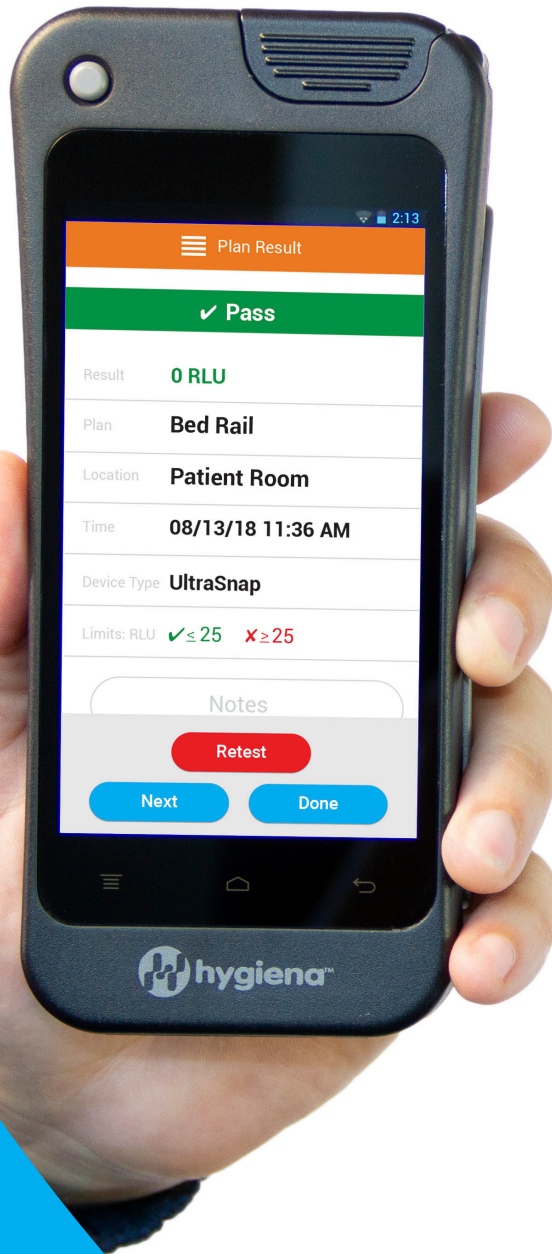


Catalog No. CAL | Qty: 1

[▶](#) [▶](#) Instructional Video Online

Product Name	Catalog No.	Quantity
EnSURE™ Touch	ETOUCH	1
UltraSnap™ Surface ATP Test	US2020	100
SuperSnap™ High-Sensitivity ATP Surface Test	SUS3000	100
AquaSnap™ Total Water ATP Test	AQ-100X	100
AquaSnap™ Free Water ATP Test	AQ-100FX	100
CalCheck LED Calibration Verification Device	CAL	1

EnSURE Touch is factory calibrated and runs a calibration check on each startup. Recommended calibration control kits available.



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 [YouTube.com/HygienaTV](https://www.youtube.com/HygienaTV)

 [Vimeo.com/HygienaTV](https://vimeo.com/HygienaTV)



# POWERFUL INFECTION CONTROL & PREVENTION

AIR • SURFACES • DEVICES



## **THOR**<sup>®</sup> Solution for Surface & Air Disinfection

**THOR UVC** utilizes unique room-mapping technology to deliver a fast and effective floor-to-ceiling germicidal dose of continuous-wave UVC energy.

### Telescoping

Floor to Ceiling UVC - under and over objects to maximize disinfection cycles, reduce risk of infection. Better line of sight eliminates more pathogens.

### Zero-Shadow Halo

Shining light on pathogens lurking underneath; disinfecting often dirty floor space & wheels that can track pathogens throughout a facility, reducing the risk of cross-contamination.

### LiDAR Room Mapping

Scans the room & contents for exact UVC dosage each cycle for faster, accurate, and timed disinfection without guesswork.

## Differentiating Features

- Zero Shadow undercarriage UVC. System Cleans wheels and floor under THOR. Stops cross contamination.
- LiDAR maps room and contents 3 times (1,080 measurements).
- Ultrasonic Sensor for height safety.
- 4 waist-height Passive Infrared Sensors (PIR) provide a safe way to prevent unintentional exposure.
- IoT connected to Finsen Tech Cloud (browser access and email alerts).\*
- UVC lights are 2" from floor, direct line of sight for UVC to reach under equipment/furniture.
- 7.5 feet Telescope extension, attacking shadows both low & high.
- 24 Constant wave emitters (2280W).
- Open, "Spider" base to eliminate shadow.
- Spectral Diffusion Panels with 97% reflectivity for more UVC, faster cycles.



## **EIR**<sup>®</sup> Solution for Air Purification

**EIR** inactivates airborne viruses by exposing them to intense UVC dosage in conjunction with a High-Efficiency Particle Arresting Filter (HEPA).

### Circulating Large Volumes of Air

Cleans up to 70,600 cu ft per hour to 99.995%, repeatedly. More air exchanges, higher safety.

### Combining the most UVC Power & HEPA14 filtration

Kills then filters pathogens, providing cleaner air for staff and visitors.

### Low Noise

Quiet Operation means safety without distraction. Work in peace at -40dB.

## Differentiating Features

- Prefilter > UVC > HEPA. Ensuring clean air mechanically and biologically.
- 5'4" tall to maximize airflow & circulation 3 sizes with minimal footprint.
- Safety: Automatic shut off, when door is opened.
- Ease of maintenance: simple light & filter changes.
- Ease of operation: plug in and switch on.
- IoT connected to Finsen Tech Cloud (browser access and email alerts).\*
- Constant 253.7nm, most disinfecting UVC available in a portable air purifier.
- 2 xG3 Prefilters and HEPA14 for most effective filtration.
- Multiple Constant wave, 95W Philips emitters to max air cleaning, within a contained chamber.



**ZEUS**<sup>®</sup>  
Smart UVC Cabinet

## Solution for Object Disinfection

**ZEUS Smart UVC Cabinet** is a six plane, high intensity UVC disinfection chamber with a plug and play design and proven effectiveness.

### Combining the most UVC Power & six plane exposure

Kill pathogens, 360° coverage regardless of the shape of the object.

### Fast & Complete Disinfection

Up to log 8 (99.999999%) kill in 4 minutes. No heat, steam, chemicals, or residue.

### Plug & Play Ease of Use

Seamless user experience without the need for complex configurations or technical expertise.

## Differentiating Features

- Constant 253.7nm, 276 W of pure UVC Energy generated.
- Specialized quartz glass tray to allow full UVC pass through.
- Up to log 8 (99.999999%) kill in 30 seconds.
- 30 second cycle - 8,950  $\mu\text{W}/\text{cm}^2$  (cycle time also adjustable to allow for different kill rates for different organisms, up to 4 minutes/8 log).
- Load device for camera & RFID capture (30-second cycle) and unload with no touch door opening.
- Automatic shut off and magnetic interlock control.
- IoT connected to Finsen Tech Cloud (browser access and email alerts).\*



**HYPERION**<sup>®</sup>  
Large UVC Chamber

## Solution for Large Object Disinfection

**HYPERION** is the largest high performance UVC chamber currently available with full six plane exposure.

### High Intensity UVC Chamber, six plane exposure, (35 ft<sup>3</sup>)

Disinfection of large objects

### Fast

Up to log 6 (99.9999%) kill in 30 seconds.

### UVC Power

Constant 253.7nm, 40 bulbs High Output UVC.

## Differentiating Features

- Constant 253.7nm, 40 bulbs High Output UVC.
- Automatic shut off, industrial grade interlock.
- 30 second cycle.
- Easy operator control (start button, stop button).
- Internal 35 cubic feet. For large objects.
- High strength mesh.
- Integrated wheeled stand.

\* All devices are IoT connected through the Finsen Tech Cloud.







The Karius Test<sup>®</sup> is a blood test based on metagenomic next-generation sequencing (mNGS) of plasma microbial cell-free DNA (mcfDNA).<sup>1-3</sup>

The Karius Test is designed to help improve the diagnosis and management of life-threatening infections by potentially:



Reducing the need for invasive procedures with 1 blood sample<sup>4,5</sup>



Speeding up the diagnosis of infections with a 1-day processing time<sup>3,6,7</sup>



Optimizing antimicrobial treatment with pathogen<sup>1,2</sup> and antimicrobial resistance (AMR) marker detection

## 1000+ Pathogens

### Rapid and non-invasive detection of deep-seated and bloodstream infections

**LUNG**  
*Streptococcus pneumoniae*  
*Coccidioides immitis*  
*Pneumocystis jirovecii*  
*Legionella pneumophila*



**LIVER & SPLEEN**  
*Fusobacterium nucleatum*  
*Echinococcus multilocularis*  
*Helicobacter cinaedi*  
*Bartonella henselae*



**SYSTEMIC & FUO**  
*Francisella tularensis*  
*Rickettsia typhi*  
*Trypanosoma cruzi*  
*Leptospira interrogans*



#### CNS

*Balamuthia mandrillaris*  
*Angiostrongylus cantonensis*  
*Naegleria fowleri*  
*Cladophialophora bantiana*



#### HEART

*Staphylococcus aureus*  
*Bartonella vinsonii*  
*Coxiella burnetii*  
*Cardiobacterium hominis*



#### BLOODSTREAM INFECTION

*Escherichia coli*  
*Mycobacterium chimaera*  
*Streptobacillus moniliformis*  
*Bruceella melitensis*



#### BONE/JOINT

*Mycoplasma hominis*  
*Mycobacterium tuberculosis*  
*Salmonella enterica*  
*Neisseria gonorrhoeae*



900+  
**Bacteria**



400+  
**Fungi/Molds**



100+  
**DNA Viruses**



60+  
**Other Eukaryotes**



1  
**Archaeon**

The full list of pathogens detected by the Karius Test is available at <https://kariusdx.com/pathogenlist>

## Diagnostic Applications

The main diagnostic applications of the Karius Test include pneumonia, febrile neutropenia, endocarditis, invasive fungal infections, and fever of unknown origin.



Pneumonia



Febrile  
neutropenia



Endocarditis



Invasive fungal  
infections



Fever of  
unknown origin

# The Karius Test<sup>®</sup> now includes expanded AMR detection capabilities

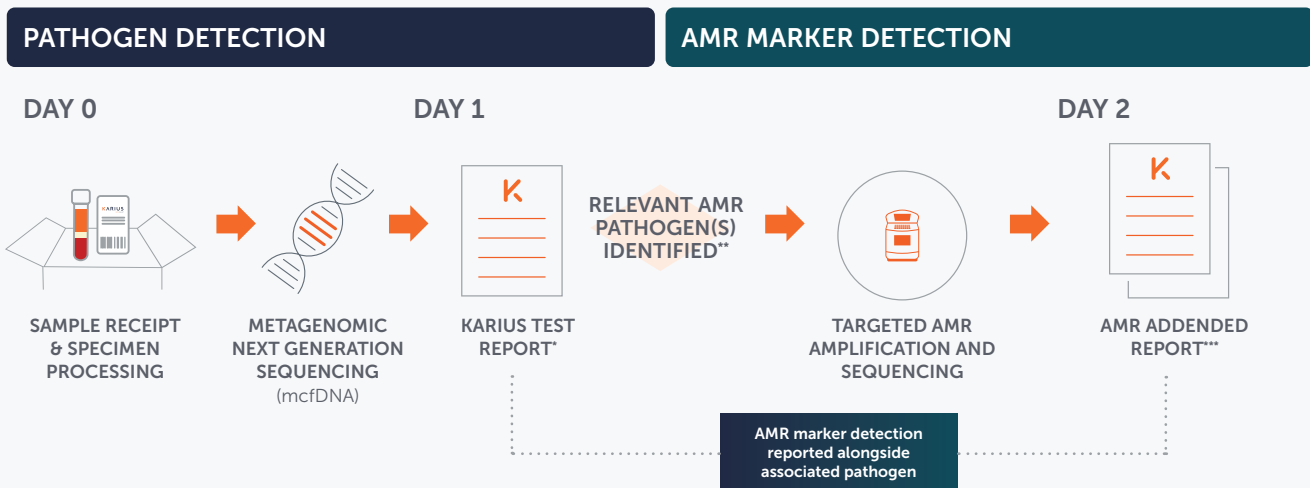


The Karius Test is a **culture-independent** test with AMR marker detection from plasma, designed to help clinicians use targeted therapy to improve patient outcomes.

In addition to detecting over 1,000 pathogens from blood, the Karius Test can now detect common AMR markers for 4 classes of antimicrobials across 18 bacterial pathogens:

- Methicillin-resistant *Staphylococci* (SCCmec, mecA, mecC)
- Vancomycin-resistant *Enterococci* (vanA, vanB)
- Carbapenem-resistant Gram-negative bacteria (KPC)
- Extended spectrum beta-lactamase (ESBL)-producing Gram-negative bacteria (CTX-M)

**The Karius Test typically provides pathogen detection results within one day after sample receipt, with AMR marker detection available the following day**



\*>85% of specimens received by 8:30 AM (PT) Monday through Saturday are reported the next day. When *S. aureus* is detected, SCCmec AMR marker result may also be provided at this time.

\*\*If specimen volume is sufficient for testing and additional analytical conditions are met.

\*\*\*Samples with Karius Test reported on Sunday would have AMR marker detection added on Tuesday.

## Karius, Inc.

975 Island Drive  
Redwood City, CA 94065

Phone 866 452 7487 Fax 866 246 6567

Email [help@kariusdx.com](mailto:help@kariusdx.com)

[kariusdx.com](http://kariusdx.com)



Download the Karius mobile app to stay up to date on sample status and access results

**References:** 1. Francisco D, et al. *Antimicrob Steward Healthc Epidemiol.* 2023 Feb 17;3(1):e31. 2. Yu J et al. *Transplant Cell Ther.* Published online February 26, 2021. 3. Benamu E, et al., *Clin Infect Dis.* 2021 Apr 19;ciab324. Epub ahead of print. 4. Foong et al. *Open Forum Infectious Diseases.* Vol. 9 Issue 12, December 2022, ofc652. 5. Shishido et al. *BMC Infectious Diseases* (2022) 22:372. 6. Rossoff J et al. *Open Forum Infect Dis.* 2019;6(8). 7. Tabak YP et al. *J Clin Microbiol.* 2018;56(12).

It only takes one poorly disinfected probe to put your patients at risk of cross-contamination

HPV

CoNS

HIV

MRSA

HLD

The correct way to help reduce patient risk



Scan the QR code or visit [www.nanosonics.us/products/trophon-2](http://www.nanosonics.us/products/trophon-2) to find out more.

**trophon<sup>2</sup>**  
Protection by design

**nanosonics**  
Infection Prevention. For Life.

HPV: Human papillomavirus. CoNS: Coagulase-Negative Staphylococci. HIV: Human immunodeficiency virus. MRSA: Methicillin-resistant Staphylococcus aureus. HLD: high-level disinfection. The trophon<sup>®</sup> family includes the trophon<sup>®</sup> EPR and trophon<sup>®</sup>2 devices which share the same core technology of 'sonically-activated' hydrogen peroxide. **Nanosonics, Inc. (Distributor USA & Canada)**, 7205 E 87th Street, Indianapolis, IN 46256, USA. T: 1-844-876-7466 E: [info@nanosonics.us](mailto:info@nanosonics.us) W: [www.nanosonics.us](http://www.nanosonics.us) **Nanosonics Limited (Manufacturer)**, 7-11 Talavera Road, Macquarie Park, NSW 2113, Australia. T: +61 2 8063 1600 E: [info@nanosonics.com.au](mailto:info@nanosonics.com.au) W: [www.nanosonics.com.au](http://www.nanosonics.com.au) *Nanosonics* and *trophon* are trademarks of Nanosonics Ltd. © 2023 Nanosonics Limited. All rights reserved. NAN0956E, 1840067-US-AD, March 2023.

# Discover the Future of UV Disinfection in Occupied Spaces



## **Far UV-C 222nm**

- Continual UV Disinfection
- Easy to Install
- Safe and Effective
- Longest Rated Product Lifetime
- UL Listed

**PURO**<sup>®</sup>  
UV Disinfection Lighting

# The Future of UV Disinfection in Occupied Spaces



## Protect 222

Continual Surface and Air Disinfection in Occupied Spaces

9-12 ft mounting height

Ideal for surface mount or pendant mount applications



## Protect 222 High Bay

Continual Surface and Air Disinfection in Occupied Industrial/Commercial Spaces

12-15 ft mounting height

Multiple mounting options, including option to attach to existing light fixtures

### Additional Specifications

Uses filtered 222nm UV-C disinfection technology for rapid, quick pathogen reduction of both surfaces and air in occupied spaces

Utilizes exclusive patented filtered 222nm technology from Ushio and Columbia University

Continual operation of Care222® technology meets exposure guidelines for occupied space established by the American Conference of Governmental Industrial Hygienists (ACGIH®) and the International Electrotechnical Commission (IEC)

Evaluated to IEC 62471 – Photobiological Safety of Lamps and Lamp Systems

Features a 2-year limited warranty covering all components and construction

LED status indicator visible from room

Requires no external controls or startup commissioning

UL/cUL Certified to meet U.S. and Canadian standards for germicidal equipment for use in occupied spaces

# PURO Protect 222 Advantages



**Filtered 222nm Far UV-C**



**People Can Be Present**



**Surface and Air Treatment**



**UL Listed**

Powered by the patented Care222® filtered 222nm technology, Protect 222 from PURO inactivates pathogens on surfaces and in the air safely, even when people are in the space. With no maintenance and no filters to clean or change, PURO Protect 222 products operate continually throughout the day providing a disinfected, safe area for all occupants as it quietly inactivates pathogens including viruses and bacteria. For hospitals and healthcare environments, it's easy to spec, easy to install and easy to afford. Plus, it's one of only a few Far UV products to be UL listed, achieving the highest level of safety as approved by Underwriters Laboratories (UL).

## Disinfect high-traffic, high-touch areas safely...without chemicals

Designed to bring continuous disinfection to:


- Sterile Processing, ICUs, ORs, ERs, pharmacies
- Bathrooms
- Waiting rooms
- Nurses' stations, work areas
- Sinks
- Equipment closets
- Procedure rooms
- Wherever pathogens and bacteria linger in high-traffic areas

## Proven Safe for Operation in Occupied Spaces

**PURO Protect 222 products use a patented short pass filter that removes UV wavelengths that can penetrate the living tissue in skin or beyond the tear layer of the eyes creating a safe, narrow band of 222 UV light emission.\* That allows for powerful and continual disinfection of spaces to occur even when people are in the space. An LED status indicator is visible from the room to let you know the unit is operating. Tested and proven safe by universities and institutions, and UL listed to assure PURO Protect 222 is achieving the highest level of safety as approved by Underwriters Laboratories.**

\*Continual operation of Care222® technology meets exposure guidelines for occupied space established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

Protect people  
wherever they  
gather with PURO  
Protect 222, the  
safe Far UV-C  
solution



**Ask for your free UV Audit  
to help you identify and  
spec the best disinfection  
program for your facility**

**PURO**<sup>®</sup>  
UV Disinfection Lighting

(877) 452-8785

[sales@purolighting.com](mailto:sales@purolighting.com)

[purolighting.com](http://purolighting.com)

# PURO<sup>®</sup>Health

## UV Disinfection Solutions for Healthcare

With powerful and sustainable solutions, PURO has one of the broadest offerings in continuous air and surface disinfection available in today's market



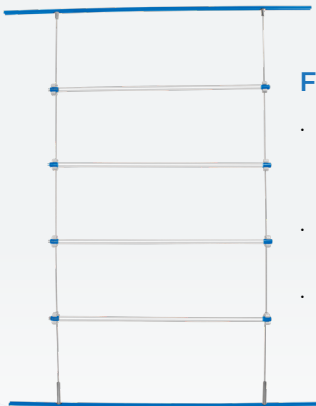
### Scientific Air S400

- HEPA + Carbon + UV-C combined power that achieves 99.9995% air disinfection of 800 ft<sup>3</sup> in minutes
- Zero airflow disturbance, no temp or humidity variations, no negative or positive air pressure interference, no byproducts, and no ozone
- Safe for patients and staff with over 1,500 acute care and long term care deployments



### PURONet UV Disinfection Control System

- The only UV-C system for ORs that provides both continuous far UV-C + terminal disinfection
- Controls PURO fixtures within a room to provide safe operation and collects data on IAQ and disinfection cycles
- Easily upgradeable in the future to access data via the cloud, Modbus and BACNet compatible, and perfect for retrofit or new construction



### Fighter Flex System

- Disinfects air and HVAC system coils using a unique, flexible, and customizable cable mounting system
- Inhibits growth of biofilm, improves indoor air quality, and enhances occupant wellness
- An eco-friendly solution that reduces energy and maintenance costs up to 15%



### PURO Protect 222

- Utilizes patented, filtered 222nm far UV-C technology to safely and continuously disinfect high-traffic, high-touch areas in occupied spaces
- Independently tested and UL certified, safe for all areas as it inactivates pathogens
- Multiple configurations available for installation into ceilings

For more information, connect with your PURO Regional Sales Director or email [sales@purolighting.com](mailto:sales@purolighting.com)



# PURO<sup>®</sup> Health

## UV Disinfection Solutions for Healthcare



**PURONet**



**Fighter  
Flex**



**Protect 222**

**Helo F1/F2**



**Aurora**



# PURO<sup>®</sup>Health

## UV Disinfection Solutions for Healthcare



### Disinfect and protect all parts of your medical facility

#### Fighter Flex System

Modular Germicidal UV-C Kit  
Expandable and Customizable

Unique design is flexible, lightweight, and created for fast and easy application in new or existing HVAC systems. UV coil and duct disinfection solution provides continuous disinfection of air as it moves through the HVAC system.

#### Whisper

Compact UV-C Air Purifier

Provides super-quiet, super-powerful disinfection as it continuously reduces airborne pathogens in occupied spaces by using UV technology to inactivate germs and keep the circulating air pathogen-free up to 99.9%. Perfect for smaller waiting rooms and exam rooms.

#### Defender

Germicidal UV-C Disinfection  
for HVAC Duct Integration

Small, powerful and easy to integrate into existing air ducts or final section of an AHU. Disinfects air flowing through system to inactivate viruses, bacteria, molds and spores by creating UVGI barrier inhibiting pathogens inside air unit.

#### Helo

High Intensity pulsed-Xenon UV light  
technology for use in Air Handling Units

Powered by Violet Defense<sup>®</sup> technology, broad-spectrum Helo uses UV-A, B and C light to inactivate viruses, bacteria, mold and fungi\* on air handling coils.

#### Aurora – In-room UV-C Air Purifier

Aurora provides continuous and powerful disinfection of air to reduce airborne pathogens in occupied spaces. The high-performance yet quiet Aurora uses ozone-free UV-C lamps that last up to 18,000-hours. Available in both easy to install wall-mounted or fast deployment mobile version.

#### Protect 222 – Safe and Effective Far UV-C Continual Air Disinfection in Occupied Spaces

Proven safe and UL-approved, Protect 222 uses revolutionary Far UV-C light to offer continual disinfection in any high-traffic, high-touch areas while people are present. A perfect solution for many healthcare disinfection needs.

#### PURONet – UV Disinfection Control System

An essential tool for hospitals, healthcare facilities and more, PURONet provides an additional level of safety, real-time operational reporting and data collection to your PURO UV disinfection program.

\*SARS-CoV-2, E. coli, Norovirus, MRSA, C. auris and C. diff

Experts in proven UV light technology to inactivate viruses, bacteria and other HAIs up to 99.9%.

**As a proven and knowledgeable partner to hospitals, healthcare and long term facilities, PURO Health provides safe, customized and cost-effective UV solutions that protect patients, staff and visitors throughout your facilities... and all without the use of chemicals.**

## New UV Disinfection Products for Healthcare



### **PURO Protect 222**

Using safe, UL-approved 222 nm UV light, our Protect 222 line of products is perfect for high-tough, high-traffic areas like nurse's stations, bathrooms, sterile processing, ICUs, ORs, pharmacies and more. Runs autonomously to disinfect the air and surfaces and is proven safe and effective for continual use in occupied spaces.

### **Fighter Flex Germicidal UV-C System**

Flexible, quick to install and easily customizable, Fighter Flex is specifically designed to disinfect the air and coils within an HVAC system. Our modular germicidal UV-C kit works with fan coils, air handling units, unit ventilators, PTAC units, and compact AC units and is completely BACnet and Modbus compatible.



### **The PURO Lighting Difference**

Our approach to UV light disinfection programs in healthcare makes us the UV Disinfection Lighting Experts. We utilize a wide range of UV technologies to fit any need from HVAC systems and in-room solutions to the stringent requirements of ORs and more. Our engineering and specification teams customize UV solutions for any space throughout your healthcare facility, with a deep technical knowledge of what provides best results. And we focus on your success as we identify needs, provide application engineering, assist with installation, train staff if needed, and provide customer follow up, all at no additional cost.

# PURO UV Disinfection Lighting Products

FIGURE	DESCRIPTION	DISINFECTS	LOCATION	UV SPECTRUM	IDEAL FOR
	<b>Fighter Flex</b> Modular germicidal UV-C System	HVAC coils and air in HVAC systems	Installed near HVAC coils	UV-C 254 nm	Air handling units, coil, surface and air disinfection
	<b>Aurora</b> In-room UV-C air purifier	Continuous air disinfection	Wall mounted or mobile in rooms	UV-C 254 nm	Waiting and Exam/ Procedure/Radiology Rooms
	<b>Whisper</b> Compact UV-C air purifier	Continuous air disinfection	Wall mounted in rooms and spaces	UV-C 254 nm	Bathrooms, exam and waiting rooms
	<b>Defender</b> Simple, small, easy to retrofit	Air in HVAC systems	Installed in HVAC air duct	UV-C 254 nm	High disinfection rates (up to 99.9%) in HVAC systems
	<b>Helo FI/F2</b> Broad spectrum, high intensity	HVAC coils	Installed near HVAC coils	UV-A, UV-B, UV-C	Programmable disinfection of coils
	<b>Protect 222</b> Far UV-C continual disinfection in occupied spaces	Air and surfaces	High-traffic areas in occupied spaces	UV-C 222 nm	Bathrooms, nurse's stations, SPD, ICUs, ORs
	<b>PURONet</b> UV Disinfection Control System	Adds safety, reporting and data collection	In operating rooms and other procedure rooms	Controls full-spectrum UV A, B & C Helo units	Spaces using full-spectrum UV disinfection

# PURO<sup>®</sup> Health

## UV Disinfection Solutions for Healthcare

[purolighting.com](http://purolighting.com) | (877) 425-8785

[sales@purolighting.com](mailto:sales@purolighting.com)



# Steripath<sup>®</sup> Micro

Initial Specimen Diversion Device<sup>®</sup>

## Fast. Easy. Effective.

- **Fast:** bottle- or syringe-driven active diversion
- **Easy:** automatic collection with a push of a button
- **Effective:** ISDD<sup>®</sup> technology with a 0.5-1.0 mL diversion volume

Offered Exclusively with the BD Vacutainer<sup>®</sup> UltraTouch<sup>™</sup> push button needle



# The combined advantages of both systems

By adding the BD Vacutainer® UltraTouch™ push button blood collection set

## BD PentaPoint™ Technology

5 beveled needle point.

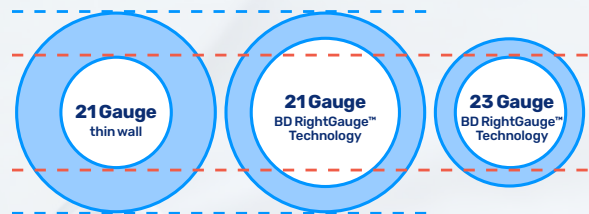
## BD RightGauge™ Ultra-Thin Wall Cannula

Improves blood flow rates<sup>1,2</sup> and potentially sample fill volumes which is an important factor of blood culture sample quality.<sup>3</sup>

## Initial Specimen Diversion Device®

Divert and sequester the initial 0.5-1.0 mL of potentially contaminated specimen.

Ultra-thin wall cannula enables use of a smaller needle for blood collection in all patients



BD Vacutainer®  
UltraTouch™ push button  
blood collection set

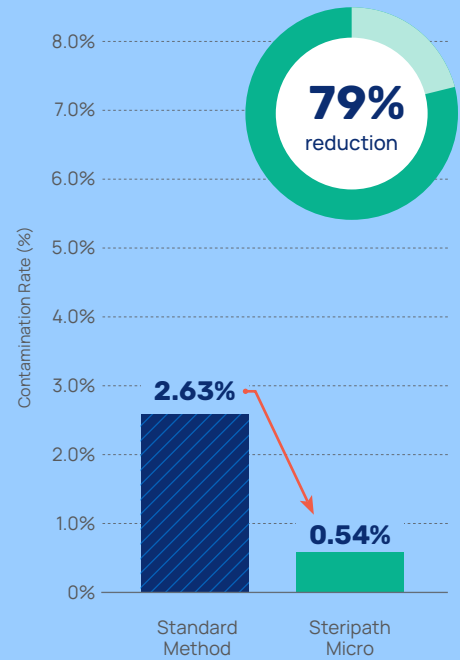


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3. Khare R, Kothari T, Castagnaro J, Hemmings B, Tso M, Juretschko S. Active monitoring and feedback to improve blood culture fill volumes and positivity across a large integrated health system. *Clin Infect Dis*. 2020;70(2):262-268.
4. K222299

DATA COLLECTION IN PROCESS

### Steripath® Micro for your most vulnerable patients

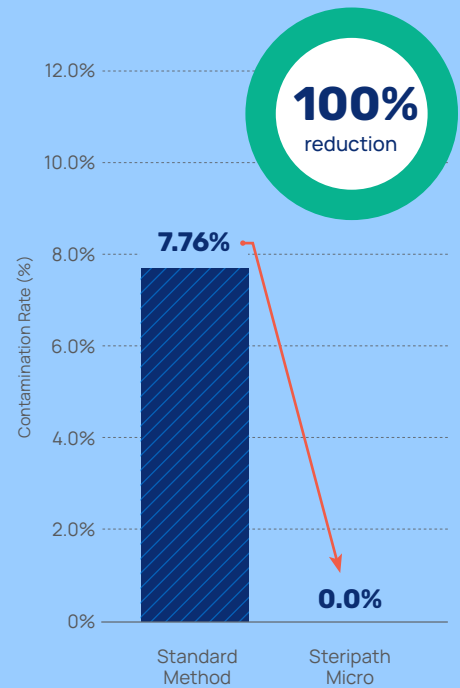
<b>Title</b>	Quality Improvement Initiative to Reduce Pediatric Blood Culture Contamination Using the Initial Specimen Diversion Device®
<b>Institute</b>	<b>Children's Hospital associated with a large health system and Pediatric Emergency Department at an acute care hospital</b>
<b>Affiliations</b>	Pediatric Emergency Medicine
<b>Design</b>	Multi-center, prospective, cohort study
<b>Method</b>	Emergency Department staff used Steripath Micro ISDD with preassembled integrated syringe to collect blood cultures via <b>peripheral IV start</b>
<b>Results</b>	<b>79%</b> reduction in contamination with Steripath Steripath Micro: <b>0.54% (12/2,207)</b> Standard method: <b>2.63% (31/1,177)</b> contamination rate



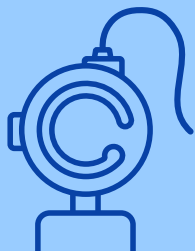
DATA COLLECTION IN PROCESS

### Steripath® Micro for adult peripheral IV start

<b>Title</b>	Quality Improvement Initiative to Reduce Blood Culture Contamination via Peripheral IV start using Steripath Micro ISDD® In the ED
<b>Institute</b>	<b>Large, Academic Medical Center</b>
<b>Affiliations</b>	Emergency Medicine
<b>Design</b>	Single-center, prospective, controlled, matched-pair, open-label trial
<b>Method</b>	Emergency Department staff collected two blood cultures from each subject via <b>peripheral IV start</b> , one using best practices with syringe and one using Steripath Micro ISDD with preassembled integrated syringe
<b>Results</b>	<b>100%</b> reduction in contamination with Steripath Micro Steripath Micro: <b>0.0% (0/219)</b> Standard method: <b>7.76% (17/219)</b> contamination rate



# MISSION TO ZERO<sup>®</sup> Your Solution For Blood Culture Contamination



## Steripath<sup>®</sup> Micro

FDA 510(k)-cleared with a specific indication to reduce blood culture contamination<sup>5</sup>



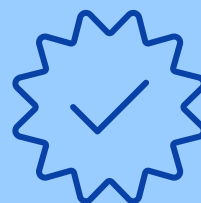
## Mission Control<sup>™</sup>

CE/PACE accredited best practice and on-demand educational resource



## Mission to Zero<sup>®</sup>

Evidence-based practice change management program for sustained results



## Mission Guarantee<sup>™</sup>

50% or greater blood culture contamination reduction or your money back for the lifetime of Steripath<sup>®</sup> Micro use



## Mission Reviews<sup>™</sup>

Quarterly progress reviews on patients impacted, realized cost savings, and driving performance



5. Indicated to reduce the frequency of blood culture contamination when contaminants are present, compared to standard method controls without diversion.