Mail Screening Solutions

from PathSensors

Affordable, fast, sensitive & easy-to-use threat detection

PATHSENSORS
Powered by CANARY® Technology
Need fast, accurate & easy-to-use threat detection for your mail screening requirements?

PathSensors’ breakthrough CANARY® technology accurately detects threats such as Anthrax, Ricin and Ebola – at a fraction of the cost of alternative technologies.

- Used by top government and commercial mail screening customers
- Integrates with x-ray, chemical and other threat detection technologies
- High sensitivity, and ultra-low false alarm rate
- Perfect for rapid testing of unknown substances or high volume threat monitoring

Comprehensive threat detection, low cost of ownership

PathSensors’ CANARY® technology – originally developed by MIT – is a game changer for bio-threat detection. Unlike older technologies, CANARY® detects pathogens faster and more economically.

- High sensitivity: 100 – 1000 CFU
- Fast: 5 minutes to result
- Flexible: detects +25 pathogens
- Low cost

Turn-key mail screening solutions

PathSensors introduces the BioFlash™ MailGuard System. This biological testing unit can test both packages and standard mail, using forced airflow within the downdraft booth. A hose feeds the air to the BioFlash™ device for testing.
BioFlash™ MailGuard System

The BioFlash™ MailGuard System consists of a testing unit, down flow booth, mail jogger, and compact medical refrigerator and requires standard 110V power to operate. The biological testing unit has the ability to connect to the Internet via an optional tethered laptop computer, which permits remote system diagnostics and secondary testing confirmation as needed.

BioFlash™ Device (*PathSensors*)
- Model: BioFlash-E
- 120V Power
- Biological contamination detector & identifier
- Easy to use, 4-button LCD operating panel
- Variable air collection time
- Fast 2-minute time to test results following air collection
- HEPA filter exhaust port

Downdraft Booth (*DualDraw*)
- Model: MRB3060
- 120V Power
- Customized for BioFlash mail screening
- BioFlash™ draws air from booth stream prior to booth filters
- Keeps the breathing zone of the operator clear

Mail Jogger
- 120V Power
- Customized for BioFlash™ mail screening
- Porous tray will vibrate, allowing particulates from the mail to fall out into the downdraft airflow

Compact Refrigerator
- 120V Power
- BioFlash™ consumables (Biodisc) storage
- Placement location on-site can be variable
The downdraft booth comes equipped with a custom air vent port with hose connection to the BioFlash to sample airflow from the booth. The BioFlash exhaust port is equipped with a HEPA filter.

The compact refrigerator site placement can be separated from primary booth/BioFlash location.

1. Take the Biodisc from fridge
2. Put the Biodisc in BioFlash
3. Turn on Downdraft booth
4. Start BioFlash air collection
5. Place package: Use bristle wand

   Place mail: Jog for 30 sec.

6. Cease airflow collection and initiate testing
7. Record test results
8. Dispose of Biodisc

Once the test is complete and no threat is detected the Biodisc can be disposed of in a regular trash bin.
Find out why PathSensors should be your partner for mail room threat detection today

Contact us at info@pathsensors.com for a custom proposal

About PathSensors:
PathSensors is a leading biotechnology solutions and environmental testing company. PathSensors provides high speed, high sensitivity, pathogen and threat detection solutions. PathSensors’ solutions can detect a wide range of threats, including Anthrax, Ricin, Ebola and Salmonella.

PathSensors has a growing library of threat detection capabilities and can be expanded to meet emerging and specific threat detection requirements. PathSensors’ technology is being used today by government and commercial customers for multiple applications, including:

- Defense and homeland security – CBRNE
- Environmental monitoring
- Mail room screening
- Food safety
- Plant and agricultural safety and testing
- First responder threat detection
- Public health
- Medical counter measures

PathSensors’ innovative BioFlash™ and Zephyr™ detection systems use CANARY® technology licensed from the MIT-Lincoln Laboratory. In independent tests by U.S. government labs, PathSensors’ CANARY® technology was shown to be superior to alternative technologies in terms of sensitivity and speed of detection.

To learn more, contact us at info@pathsensors.com