

# Bio-Seeq<sup>®</sup> Mail Sentry

Hazardous Substance Detection System



## Feature Highlights

- Simple touch screen operation
- Mail contained within protective cabinet
- Automatic screening of flat mail up to 12" x 12" x 1/4"
- Manual screening for 12" x 12" x 12" packages (packages are stored in sealed cabinet)
- Screens for B. anthracis, Tularemia, Plague, Ortho Pox and Ricin (via castor bean DNA assay)
- Processes up to 2,000 pieces per hour (including processing and analysis)
- Transmits alarm via pager messages for remote notifications
- Marks each piece of mail to provide indication of screening process
- Options allow for screening of chemical warfare agents and explosives

The Smiths Detection Bio-Seeq<sup>®</sup> Mail Sentry is designed to provide reliable on-site mail screening capabilities for the biological threat of Anthrax. The Mail Sentry provides consistent performance and maximum reliability through its fully automated, simple user interface.

All mail and packages are processed through a sealed cabinet which protect the user and contain the threat.

# Bio-Seeq<sup>®</sup> Mail Sentry

## Operation

The Mail Sentry utilizes Polymer Chain Reaction (PCR) technology to detect the presence of Anthrax. When purchased with the optional Bio-Seeq<sup>®</sup> unit, the Mail Sentry can additionally detect Tularemia, Ortho Pox, Plague, and Ricin (via castor bean DNA assay).

The Mail Sentry uses a touch screen interface to guide the

user through the necessary steps for simple operation. All mail is contained within a protective cabinet maintained under negative pressure to prevent the spread of contamination. The exhaust is filtered through HEPA filters to capture aerosolized bio-agents, maximizing the safety of the operating environment for mail handlers.

PCR technology is the same technology used in the United States Postal Service biological detection screening system. It provides extremely accurate results with minimal to no false alarms.

## Specifications

Detector Size:	69" W x 32" D x 88" H
Power Requirements:	Dedicated 120 Vac 20 Amp circuit
Optional Requirements:	Optional Smiths Detection Bio-Seeq <sup>®</sup> unit increases the available detection library Dedicated Analog telephone line required for a phone/pager notification 60" W x 30" D x 48" H package storage cabinet available



"Practice of the patented polymerase chain reaction (PCR) process requires a license. Purchases of this instrument will be covered by patents owned by Roche or Applied BioSystems. Its use with Authorized Reagents also provides a limited PCR license in accordance with the label rights accompanying such reagents".

### Principle offices

#### Military programs

USA programs  
Smiths Detection Inc.  
2202 Lakeside Boulevard  
Edgewood, MD 21040, USA  
T: +1 410 510 9100  
F: +1 410 510 9491  
militaryus@smithsdetection.com

Non-US programs  
Smiths Detection  
459 Park Avenue  
Bushey, Watford  
Herts  
WD23 2BW, UK  
T: +44 (0) 1923 658000  
F: +44 (0) 1923 240285  
military.row@smithsdetection.com

#### Regional civil and military markets

##### Europe/Middle East/Africa

Im Herzen 4  
65205 Wiesbaden  
Germany  
T: +49 (611) 9412-0  
F: +49 (611) 9412-229  
EMEA@smithsdetection.com

##### Asia Pacific

3 Toh Tuck Link #04-01  
German District Centre  
Singapore 596228  
T: +65 6 466 1700  
F: +65 6 469 2506  
pacific@smithsdetection.com

##### The Americas

(and U.S. liaison)  
30 Hook Mountain Road  
PO Box 410  
Pine Brook, NJ 07058, USA  
T: +1 973 830 2100  
F: +1 973 830 2200  
americas@smithsdetection.com

#### Emergency Responders market

Smiths Detection  
14 Commerce Drive  
Danbury, CT 06810, USA  
T: 203 207 9700  
Toll Free: 888 473 6747  
F: 203 207 9780  
respondersInt@smithsdetection.com

