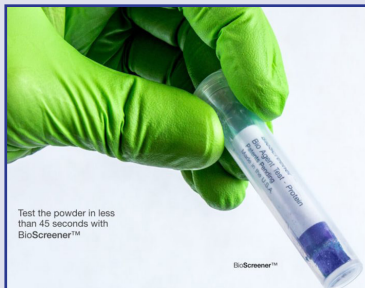


TASKit BioScreener



GENERAL DESCRIPTION:

Finally, first responders have a quick and easy way to determine whether a suspicious powder is a likely bio-weapons agent without spending a lot of time (or money). BioScreener™ is a disposable presumptive test that identifies potential threat-agents such as suspicious powders; within approximately 30 seconds, identify whether a substance is a probable bio-weapons agent or just a harmless powder. Collect the sample by simply dabbing the sample tip on the suspect material; analyze the sample by cracking the built-in ampoules and watching for the specified color change.



TECHNICAL DESCRIPTION:

BioScreener™ can eliminate the threat posed by a suspicious powder in seconds. Instead of shutting down an area for hours or days pending results of an analysis, first responders can identify a suspicious powder as a non bio-agent in seconds.

FEATURES:

- Screens for bio-agents in less than 45 seconds
- Long shelf-life: 2 years
- Tolerates extreme storage conditions
- Rugged containers protect individual tests
- Outer container also serves as sample transporter (forensics label included)
- Order "TASKit-001-BX" for a box of five complete BioScreener™ tests

Tier Selection

Final tier assignment is based on overall product score.

- Top Tier
- Second Tier
- Third Tier
- ◐ Fourth Tier
- Bottom Tier

RANKINGS

	Biological	Chemical	Radiological
FIELD USE System	◐	N/A	N/A
MOBILE Laboratory	◐	N/A	N/A
DIAGNOSTIC Laboratory	●	N/A	N/A
ANALYTICAL Laboratory	●	N/A	N/A

CONTACT INFORMATION

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1601 3rd Street South
St. Petersburg, FL 33701
www.fieldforensics.com

Survey Source

Open Source Internet

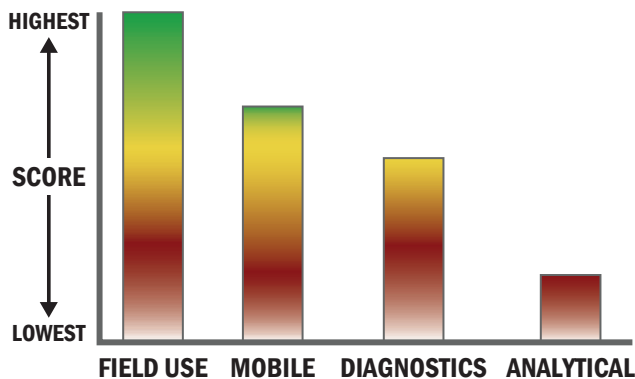
COST

- \$17/system
- N/A/analysis



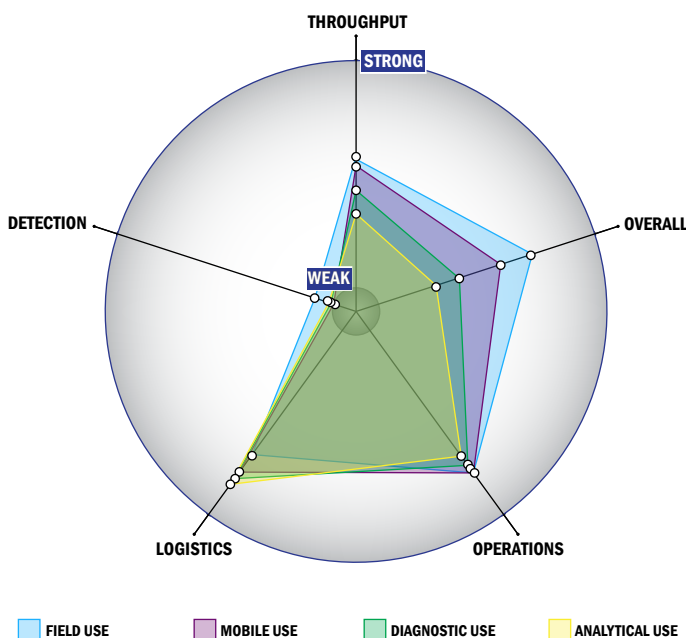
Scoring Analysis

System scores are compared across the four scenarios and ranked from highest to lowest.



Impact Chart

The Impact Chart is a spider graph representing specific categories and designed to give the reader a visual depiction of how a particular system is expected to operate across the four different scenarios. The score for each of the seven categories is presented as the percentage of the total possible score. Higher category scores extend the spokes of a graphic toward the outer edge of the chart. The area graphed for each of the four scenarios relates to how well the system performed in that scenario. Graphics for each of the four scenarios are super-imposed for ease of comparison.



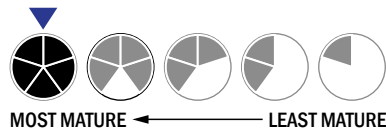
Evaluation Criteria

Throughput:

- 2 minutes or less for detection
- 1 sample/run
- 32-95 samples every 2 hour
- The system or approach is not amenable to full or semi-automation
- Device or system is designed for a single use
- 0-1 solutions, buffer, eluents, and/or reagents
- 5 or more components
- No set-up of the system is required
- 3-5 steps are required for detection

Logistics:

- Very brief (minutes-hours) training and minimal technical skills
- Approximately the size of a soda can
- Less than 1 kg
- This system is not capable of transmitting data
- There is no electrical requirement



Operations:

- Can be used from $< -21^{\circ}\text{C}$ to $> 42^{\circ}\text{C}$ (All temperatures)
- Components must be stored at room temperature (27°C)
- Performance is not influenced by relative humidity
- 1 to 3 years shelf life
- This system or device is single use and does not have an expected life
- Results can be viewed in real-time
- The system is not capable of autonomy
- The system does not employ any software
- The system is single use or this question does not apply to this device

Detection:

- Not possible for the system to achieve clearance
- Not possible for the system to achieve approval
- This system does not test liquids and this question does not apply
- Excellent specificity. System has occasional false alarms under certain conditions ($< 2\%$)
- Greater than 100,000 CFU/ml
- System does not detect spores