

The Ceeker™ – Anthrax screening for first responders

Overview

Application	Detection of bacterial spore threats for frontline screening against anthrax
Sample types that can be analyzed	Powder samples
Detection method	Optical Recognition Protocols
Sample utilization	No sample consumption, contamination or destruction

Performance

Detection time	3 to 10 minutes (approximately, depending on spore species, spore density and analysis conditions)
Warm-up time to first analysis	8 minutes (approximately, depending on ambient temperature)
Minimum time between analyses	No stand-down or recovery time between analyses
Detection sensitivity	Capable of detecting down to 3,000 bacterial spores in 99% of scenarios.
Ambient operating temperature range	14°F to 104°F (-10°C to 40°C)
Standby time per battery charge	24 hours (when removed from battery charger)
Safety and conformance	Designed to meet the requirements of: <ul style="list-style-type: none"> > EN61010-1 and EN61326 Safety standards > IEC60825. Safety of laser products > IP67 Protection ratings

Operational and service requirements

Power requirements	Battery operated. Rechargeable battery included
Voltage requirements for battery charger	Universal 100-240 VAC, 50 Hz to 60 Hz
Service requirements	Battery charging (by user) Annual calibration and battery check (by service agent)
Decontamination procedure	Fully sealed and chemically-resistant unit to withstand standard decontamination procedures, including wipe down, showers and full immersion

Operational characteristics

Physical properties

Operational procedure	<ol style="list-style-type: none"> 1. Locate suspicious or unknown sample. 2. Submit sample to the Ceeker. 3. Press Analyze button. Read positive or negative result on LCD display 	<i>Dimensions and weight</i> Height 11 in. (280 mm) approx. Length 8.5 in. (215 mm) approx. Width 4.5 in. (115 mm) approx. Weight 4.4 lb (2 Kg) approx.
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Operational controls	<ul style="list-style-type: none"> > One combined On/Off switch and Analyze button > Press and hold for On/Off, press once to analyze > All controls and displays suitable for users wearing full chemical/biological suits
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Training requirement	None
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LCD display messages	<ul style="list-style-type: none"> > Ready to analyze > No spores detected > Spores detected > Charge battery > Fault. Please retest
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Included items

<i>In each package</i> 1 Ceeker™ 1 rechargeable battery 1 universal voltage battery charger 1 storage/carry case for detector 1 instruction card 1 service registration card
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The Ceeker™ – Anthrax screening for first responders

- > Detect bacterial spore threats within minutes
- > Test multiple samples, without waiting
- > No sample contamination or destruction
- > Robust, lightweight and handheld
- > No wet chemistry or sample preparation
- > Independent verification programs
- > Test suspicious powders

Reliable results now

Know what you are dealing with and know now. Detect and distinguish down to 3,000 spores from hoax substances such as flour, baking powder, talcum powder or dust in 99% of scenarios.

Forget wet chemistry

Veritide's™ optical technology eliminates complicated sample preparation. No mixing or glove-unfriendly preparations.

Think one-button simple

The Ceeker™ is simple and easy to use with one-button simplicity. Press the button. Read the LCD display. Make an informed decision. That's all there is to it. No interpretation required. No room for ambiguity.

Because you never know what you will find at the scene

Bacterial spore threats can materialize in dynamic and unexpected ways, which means you need to be prepared for whatever you find. The Veritide™ Ceeker's™ versatility takes the guess work out of preparation by allowing you to quickly quantify samples in powder form, including powders, smears and spills.

Clear multiple targets with ease

The Ceeker's™ push-button simplicity and instant reusability mean you can rapidly move through sites and clear multiple targets, minimizing costly lockdown times and your time on site. From readiness checks to standard decontamination procedures, the detector is designed to fit into standard operational practices and help you get the job done, efficiently and safely.

Because the frontline can be rough

The Ceeker™ is battery powered, lightweight and fully integrated in one small handheld unit, so you can take it where it needs to go. A glove and chemical-suit friendly design means you can concentrate on the task at hand, without fighting the equipment or compromising safety.

Performance you can rely on

Because lives depend on your work, we know you need more than our word. You need proof. That's why we've had our technology independently tested. That's why we're making production detectors available to the testing labs you trust.

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