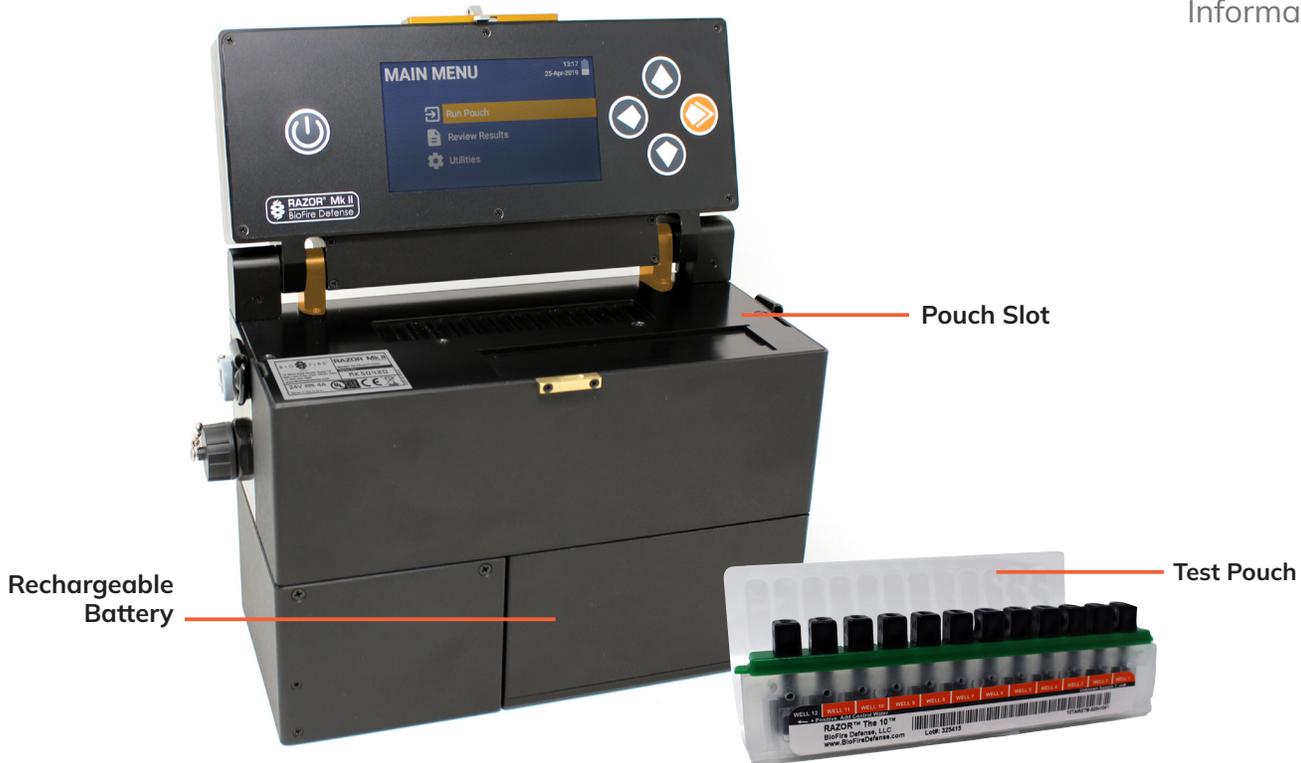




RAZOR[®] Mk II

On-Site Biothreat Detection, Immediate Response

Information Sheet



Not for Diagnostic Use

Field-Actionable PCR Results for 10 Targets in 30 Minutes

The RAZOR[®] MkII delivers accuracy and reliability in a portable, field-ready PCR system that provides fast, actionable results in the field. Designed for first responders and environmental monitoring teams needing fast, on-site biothreat detection.

This capability is essential for immediate response and containment of biological threats. Guided by our mission to empower global health security, the RAZOR MkII enables fast and reliable threat detection, ensuring communities are protected from emerging dangers.

RAZOR Kits Detect DNA Associated with the Following Targets:

10	BioThreat & Environmental Threats	
	<i>B. anthracis</i>	Q fever
	Ricin	C. Botulism
	Smallpox	Brucella
	Plague	Tularemia
	<i>E. coli</i> O157	Salmonella

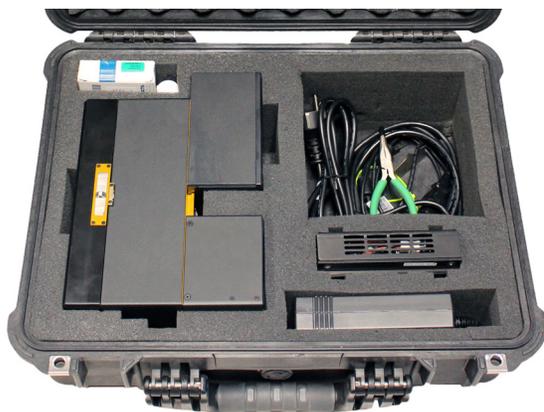


B. anthracis 3 Target Kit
B. anthracis – Target 1
B. anthracis – Target 2
B. anthracis – Target 3

RAZOR Mk II Brings you Actionable Results in 30 Minutes

This portable system comes packed in a durable case with custom fit foam for the instrument, battery, battery charger, and accessories. The built-in mobile computer allows it to operate as a stand-alone unit for results in the field.

- Battery Powered: Rechargeable
- Hot Swappable Power: Runs off Battery or 100/240V Power
- Built-in, Full Color Display



Parts List

The following items are included with the instrument: RAZOR Mk II Instrument, Battery Recharger, Power Supply, Battery Pack, USB 2.0 Data Cable, Air Filter Assembly, Operators Manual, Quick Guides, Hard Carrying Case, Plunger Twist-Tool, Tool Kit.

Simple User-Interface

The RAZOR Mk II was designed for those working in the hot zone.

- Designed for use in personal protective equipment (PPE)
- Large intuitive push-buttons
- Barcode reader for protocol and pouch information uploads
- Step-by-step screen prompts provide set-up guidance

Instrument Specifications

Description

- 12 reactions per pouch containing freeze-dried PCR reagents for threat identification and integrated controls.
- Reaction Volume per Target: 100 μ L

Power Options

- Rechargeable battery pack (included with instrument)
- Power Supply: 24Vdc 6.25A Output | 100 - 240V, 47/63 Hz, 2.5A, 150W Input

Instrument Dimensions and Weight (w x d x h)

- Size: 25.4 \times 11.4 \times 19 cm (10 \times 4.5 \times 7.5 in)
- Weight: 4.9 kg (11 lb) including battery

Performance Parameters

- Instrument set-up time \leq 5 minutes
- Sample run time \leq 30 minutes

Temperature Range

- Operation: 0° C - 40° C
- Storage: -20° C - 60° C

Instrument Certifications

- Manufactured under cGMP, ISO 9001
- UL Certified, CE Mark

