



SMALLER, LIGHTER, FASTER.

NEXTGEN CAPABILITIES IN BIO-THREAT DETECTION

The Biomeme/5 molecular testing platform sets a new standard in biodefense—smaller, faster, and more capable.

Engineered for extreme portability and accelerated workflows, it delivers rapid DNA/RNA identification at the point of need, enabling decisive CBRN readiness for Federal Agencies, State & Local Authorities, and Military teams, with expanded capabilities and secure connectivity for any mission.



HOW THE BIOMEME/5 STACKS UP

At only 20% of the weight and size of the BioFire Razor® Mk II Detection System, the new Biomeme/5 Platform can identify up to 5x the amount of DNA/RNA targets - in less than 15 minutes. Minimal sample preparation. Confirmatory-grade molecular results.

	BIOMEME/5	BIOFIRE RAZOR® MK II
Simplified Sample Prep	✓	✗
Lyophilized Test Cartridge	✓	✓
Assay Shelf Life	2 Years	6 Months
Targets Detected	Up to 60	Up to 12
Time to Result	~12 minutes	30 minutes
Raw Data Available (Ct/Cq Values)	✓	✓
Power Requirements	User Swapable COTS	Proprietary Battery
Data Integration	USB-C, BLE, WiFi, ATAK	USB, BLE
Instrument Set-Up Time	<1 Minute	5 Minutes
IP Rating	Dust & Water Protected (IP65)	✗
Device Volume	80 in ³ / 1310 cm ³	339 in ³ / 5555 cm ³
Device Dimensions	7.8 in L x 3.8 in W x 2.7 in H	10 in L x 4.5 in W x 7.5 in H
Device Weight	2 lbs / 0.9kg	11 lbs / 4.9 kg
Preventative Maintenance	None	Battery Charging, Air Filters
Device Cost	\$\$	\$\$\$\$



These defense articles are controlled for export under the International Traffic in Arms Regulations (ITAR), administered by the U.S. Department of State, Directorate of Defense Trade Controls. The transfer of any hardware or technical data controlled by the ITAR to any unauthorized persons, requires prior written approval for from the U.S. Department of State.

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