

## Product Datasheet

# BioThreat Alert® Reader VII

### Biological Threat Detection Reader

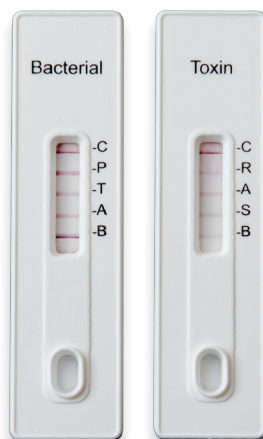
The Biothreat Alert® Reader is designed by field-experienced scientists to provide a rapid, compact screening solution to first responders and lab personnel.

#### Key Features

- Obtains results in under 30 seconds.
- Compatible with both Singleplex and Multiplex Biothreat Alert Strips.
- Lightweight, handheld, and battery-operated.
- Capable of storing the data of thousands of readings.
- Optional Wi-Fi and USB compatibility.
- Data management software included.

#### For use with BioThreat® Alert Strips

- Abrin.
- Anthrax.
- Bacterial Multiplex  
(Y. pestis, F. tularensis,  
B. anthracis, Burkholderia)
- Botulinum Toxin A & B.
- Brucella.
- Orthopox (the family of smallpox).
- Plague.
- Ricin.
- SEB.
- Tularemia.
- Toxin Multiplex  
(Ricin, Abrin, SEB Bot A/B).



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# Specifications

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| General                       |                                                                                                                                                                           |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions                    | 210 x 100 x 100 mm                                                                                                                                                        |
| Weight                        | 450 g                                                                                                                                                                     |
| Operating System Software     | 1 GHz ARM Cortex A-9 512MB DDRL. Stores >2000 tests. Compatible to Window 7 or higher operating systems.                                                                  |
| Memory                        | RAM: 2 GB                                                                                                                                                                 |
| Connectivity                  | 1D and 2D Internal and External WiFi: Micro-USB 2.0 port                                                                                                                  |
| Battery                       | 5 volts, 17 watts, 50-60 Hz                                                                                                                                               |
| Charger                       | AC Charger with international converters. 5 hours run time.                                                                                                               |
| Display                       | 4.3-inch touchscreen with on-screen keyboard.                                                                                                                             |
| Calibrated Optics             | Colourimetric detection. Automated internal calibration with standards multi-spectral CMOS. Calibrator cassette included for annual validation of system's optics module. |
| QR Code Scan                  | Enabled                                                                                                                                                                   |
| Software and Database Updates | Software and Database updated via USB flash drive or WiFi cloud.                                                                                                          |
| Data Management               | Import data via wireless network or USB port. Default data manager automatically imports 250 most recent results.                                                         |

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