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Biothreat Detection IMASS device



IMASS Biothreat Detection Device

BBI Detection's Integrated Multiplex Assay and Sampling System – IMASS device provides a crucial advance in rapid testing, particularly for 'white powder' incidents. The device is used to directly sample powders, surfaces and liquids using an integrated sponge, then eight assay strips are run simultaneously from the sample. Its robust and rugged design (licensed from the UK Secretary of State for Defence) means that the IMASS device is straightforward to run and to read, even while in full PPE.

The biothreat detection IMASS device contains tests for eight biothreat agents which are among those noted by the US CDC as being the highest risk if utilised in a terrorist attack.¹ These are: *Bacillus anthracis* (Anthrax), Ricin, *Francisella tularensis*, *Yersinia pestis* (Plague),

Burkholderia mallei (Glanders), *Brucella* spp., Botulinum Toxin A and B, and Staphylococcal Enterotoxin B. BBI Detection's bacterial tests have recently been evaluated at TNO in the Netherlands – please contact us if you would like to receive a copy of the testing report.

1: CDC | Bioterrorism Agents/Diseases (by Category) | Emergency Preparedness & Response

Bt.cdc.gov (2010) CDC | Bioterrorism Agents/Diseases (by Category) | Emergency Preparedness & Response. [online] Available at: <http://www.bt.cdc.gov/agent/agentlist-category.asp> [Accessed: 17 Jan 2013].

Biothreat IMASS Device Advantages:

- The ergonomic design means that the IMASS device is easy to use, even in full protective equipment.
- BBI Detection's lateral flow test expertise gives sensitive and specific tests which are easily read by eye
- The device is handheld, portable and has no power requirements.
- As eight tests are run simultaneously from one sample, results for all eight biothreats are obtained in 15 minutes.
- The device can be decontaminated by immersion after sampling, as the sample is contained.
- Sampling sponge gives wide sampling area.

For full details refer to the product specification sheet : [PDF](#)

IMASS™ is a registered trademark of BBI Detection.

For more information

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IMASS Biothreat Detection Device



Training devices are also available in conjunction with our training programme.

The IMASS is also available in an [Explosive Detection](#) format and further formats are in development including for chemical warfare agent detection, integrated buffer format and a next generation molecular detection format for biothreat agents.

If you are interested in being a distributor, including our product as part of a kit or purchasing the product directly, please contact the BBI Detection team at info@bbidetection.com.

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