



pBDi® Portable BioDetector

Multiple applications

Why choose pBDi?

- ✓ **Universal detection for toxins, bacteria and viruses**
 Direct identification in 20 minutes
- ✓ **Powerful and easy-to-use ELISA-based technology**
 Achieves optimum results with minimum effort
- ✓ **Sensitive system for toxins, bacteria and viruses**
 Upper pg/ml to lower ng/ml for toxins, up to 10³ CFU/ml for bacteria, 10⁴ PFU/ml for viruses
- ✓ **Battery-operated system with a ruggedized tablet PC**
 A portable solution for first responders and other mobile applications
- ✓ **Minimum sample preparation required**
 Extremely tolerant of various sample matrices
- ✓ **Automated data processing and "Traffic Light" based displays**
 Unambiguous interpretation of positive detection events
- ✓ **Simultaneous measurement on multiple targets**
 Up to 6 agents analyzed at the same time



refined by
AIRSENSE
 ANALYTICS
 CBRNe Experts

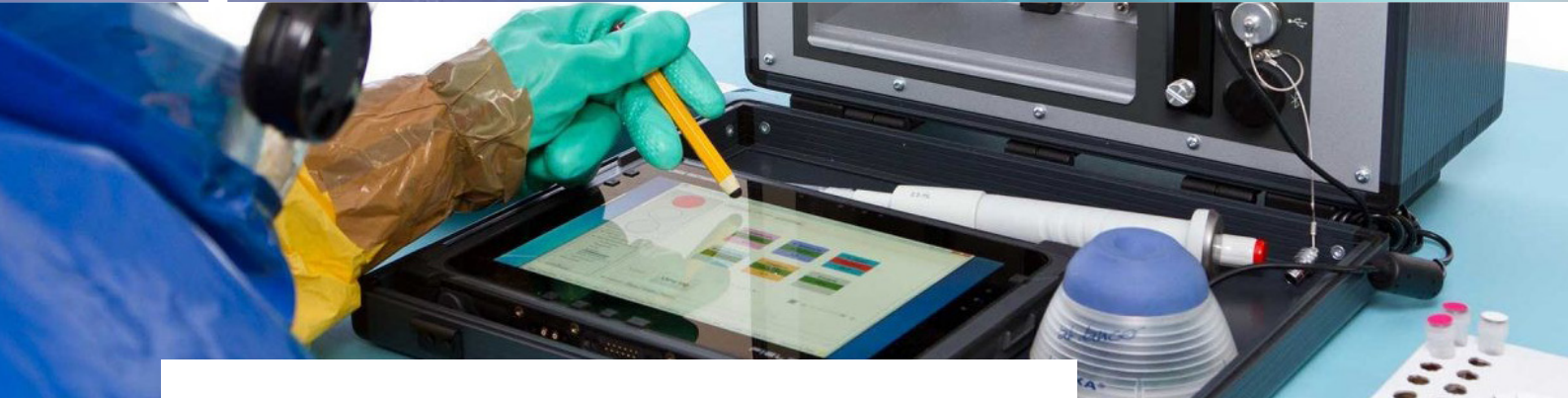
powered by
miprolab

14.6 kg
 including
 battery mode
 19 V DC

Dimension
 L412 x W211
 x H337 mm



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pBDi[®] Portable BioDetector

Portable Device for Biological Threat Mitigation

The pBDi[®] is a portable detection platform for rapid and sensitive on-site identification of bio threat agents. Developed for use by non-scientific personnel, the pBDi[®] is easily operated, even while working in protective equipment under extreme conditions. Fully portable and operating on internal batteries, pBDi[®] can be used directly in the hot zone. pBDi[®] can equally be integrated into various mobile platform solutions, while being powered from an external supply.



At a Glance

Various Test Kits for Analysis:

- Toxin Test Kit 1 (Ricin; SEB; Botulinum Toxin types A, B and F)
- Toxin Test Kit 2 (Abrin; SEA; Botulinum Toxin types C, D and E)
- Biothreat Agent Test Kit (*Bacillus anthracis*; *Yersinia pestis*; *Francisella tularensis*; *Brucella melitensis*; *Burkholderia mallei*; Smallpox viruses)
- Self Immobilization Chip and Customized Chips supported
- More detectable agents on demand



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