

BEAGLEZ™

EXPLOSIVE DETECTOR

A product of Bigtec Labs



What is BEAGLEZ

With terrorism and crime on the rise, the need for evidence based security has increased. BEAGLEZ is a hand-held battery operated advanced explosive detection system developed by Bigtec Labs in association with Indian Institute Technology Bombay.

The device can detect all types of inorganic and organic explosives in particle, liquid or vapour mode be it PETN, TNT,

Features



Ergonomic design
for military use



Extremely
Lightweight



Real time
Detection

- Maximum accuracy
- User friendly, colored touch screen menu
- Safe for operator with no radioactive source
- Analysis time <30 secs., Warm up time <30 secs.
- -10 degrees to 55 degrees
- Easy data acquisition through USB port
- Available in a waterproof carry case
- Device dimensions - 230mm x 100 mm x 65mm.

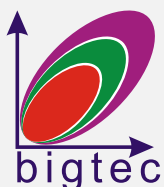


PARTICULARS:

Detection Technology	- Amplifying Fluorescent Polymer
Software	- Proprietary embedded software running on micro controller
Power	- Li ion battery
Communication	- Micro USB
Weight	- 620+/-5 grams
Indicator	- Video and Audio & Haptic (Vibration) alarm

Uses of BEAGLEZ:

- Check points
- Important Places
- Screening people
- Crowded Areas
- Terrorist Hotspots
- Post-blast Search
- Screening Vehicles
- Buildings
- Airports



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Jointly developed with
IIT Bombay



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