

# LCD 3.2E



## Feature highlights

- **Small and lightweight**
- **Up to 40 hours continuous use from commercial AA batteries**
- **Detects a wide range of Toxic Industrial Chemicals and Chemical Warfare Agents**
- **Discreet and highly effective**
- **In service worldwide**

The LCD provides individual protection against a wide range of Chemical Warfare Agents (CWAs) and Toxic Industrial Chemicals (TICs). Lightweight and compact, it can be hand-held or clipped discreetly to the user's clothing, belt or harness, enabling them to undertake their primary role.

Constantly sampling the air to detect and identify CWAs and with a large library of TICs data, the LCD offers the most advanced performance of any comparable unit.

Designed for the digital battlefield, the LCD runs continuously for up to 40 hours

on AA batteries. The unit is very simple to operate with an audible alarm and a clear, easy-to-read display giving details of agent type, concentration and dosage, enabling the user to take appropriate counter measures.

The LCD was designed to meet the requirements of the United Kingdom Ministry of Defence LCAD Programme and is a front-runner in the US JCAD programme. Used by armed forces and emergency response organisations around the world, from major sporting events to the G8 Summit, the LCD sets the standard in individual protection.

## Additional features **LCD 3.2E**

- Three modes of operation - **CW**: for the detection of chemical warfare agents, **TICs**: for the detection of Toxic Industrial Chemicals **Survey**: for the detection of residual persistent contamination following decontamination
- Detects, identifies, measures and warns personnel of chemical agent threats at levels below attack concentration.
- Secondary display shows the concentration in bar format and includes accumulated dosage indicators.
- Supplied with a carrying pouch to allow hands-free operation. The pouch can be mounted on clothing, belt or harness.
- A survey nozzle can be fitted to investigate areas of cargo, individuals' clothing, etc.
- Data logging records up to 72 hours of mission data.
- USB or RS485 protocols connectivity allows post-mission analysis.
- Available in five colours - black, beige, yellow, green, blue.



## Specifications

Size	4.33" x 7.09" x 2.0" (11cm x 18cm x 5.08cm)
Weight	0.65kg (1.5lb) including batteries
Power	8-32V dc 110/240V ac
Batteries	4 x AA lithium ion or 4 x AA alkaline manganese dioxide
Detection Principle	Advanced Ion Mobility Spectrometry
Agents Detected	Nerve, blood, blister, choking and a wide range of TICs
Display	Dual LED displays with night vision goggle (NVG) capability. Displays agent class, fault and battery condition, agent concentration in bar format and accumulated dosage



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