

LCD 4 XID

→ Trace chemical, explosives and narcotics detection adapter for the LCD 4



Plug-and-play integration to extend detection capabilities and sustain operational readiness.

The LCD 4 XID is a plug-and-play upgrade kit for the LCD 4, enabling trace detection of solids and liquids — including narcotics, explosives, and low-volatility chemical agents such as A-series (novichok) compounds.

Built on Smiths Detection's trusted Ion Mobility Spectrometry (IMS) technology, the XID adds powerful new functionality to your existing equipment without adding operational burden.

Key Benefits

- Easy to attach, detach and switch between detection modes
- Lightweight and portable
- Accurate results you can trust, using familiar technology
- Minimal training required

Applications

- Military Missions
- Cargo Screening
- Ports & Borders
- First Responders
- Security Checkpoints

Versatile & Mission-driven

The LCD 4 XID expands your detector's library to include low-volatility agents, explosives, and drugs such as fentanyl — with the flexibility to return to vapor detection mode as the mission demands. Whether on foot, in vehicles, or at a checkpoint, the XID adapts to your operational needs.

Detection Made Simple

The operator collects a trace sample using a disposable swab and probe. The XID then heats the sample, vaporises it, and passes it through the IMS analyser inside the LCD 4. Results are delivered in seconds — accurate, reliable, and repeatable.

Key Features

- **Quick-Connect Cradle:**
Clips on easily and detaches when needed — switch effortlessly between trace and vapour detection.
- **Lightweight & Portable:**
At under 2.3 kg (including battery), the XID is designed for field use without compromising mobility.
- **Disposable Swabs:**
Multi-use and easy to replace — ensuring hygiene and efficiency during operations.
- **Mission-Ready Storage:**
Supplied with a protective pouch to carry the device and all necessary consumables.
- **Clear Alerts:**
Equipped with audible and visual alarms plus a bright, easy-to-read display.

Service and Support

Smiths Detection provides expert training, preventative maintenance, and technical support — delivered globally to meet your specific operational needs.



Sample inserted into inlet.



Slide LCD 4 into XID adapter.



Position XID front cover over top of LCD 4.



Clip front cover in place and power on the LCD 4 XID.

GET IN TOUCH

- If you would like to know more about our products and how we help make the world a safer place, visit: www.smithsdetection.com