

FirstDefender™

for Law Enforcement



Law enforcement agencies are continually pushed to do more with less. Faced with new threats every day, they must provide for the protection of a growing number of constituents – and the safety of their officers – with tightly limited resources.

Designed with law enforcement in mind, FirstDefender enables immediate identification of unknown chemicals on the scene – right where it's needed, when it is needed. It has been embraced nationwide as a critical tool in the war on crime and can help multiply the efficiency of already constrained resources. Further, FirstDefender enables law enforcement agencies to achieve a fast return on investment – helping officers spend the time and resources where they're needed most, while strengthening prosecution and increasing officer safety.

Improved Resource Allocation

It is critical that law enforcement agencies make the best possible use of finite resources – including officer time and funding. Through field-based ID, FirstDefender ensures officers can spend time where it matters most – pursuing criminals and less time in court. The following features help improve agency resource allocation:

- **Reliable Identification.** FirstDefender delivers chemical identification expertise directly to the officer, reducing the reliance on costly scientists and consultants.



Designed with law enforcement in mind, FirstDefender enables immediate identification of unknown chemicals on the scene – right where it's needed, when it is needed. It has been embraced nationwide as a critical tool in the war on crime and can help multiply the efficiency of already constrained resources. Further, FirstDefender enables law enforcement agencies to achieve a fast return on investment – helping officers spend the time and resources where they're needed most, while strengthening prosecution and increasing officer safety.

- **Rapid Evidence Collection.** Evidence collection costs are reduced as only chemicals of relevance to the prosecution are sampled and logged for more expensive confirmatory testing. Illegal drug compounds and precursors are quickly identified for collection or clean-up, whereas irrelevant materials can be more easily disposed by the appropriate means at a lower cost to the taxpayer.
- **No Maintenance.** With no scheduled maintenance or calibration; no consumables; and no expiration, FirstDefender significantly reduces the per use cost associated with current presumptive testing.
- **Simplified Training.** Training requires less than 4 hours for proficiency with the instrument, so officers can quickly take advantage of the benefits of FirstDefender.

FirstDefender™ for Law Enforcement

Increased Speed to Prosecution

FirstDefender can greatly reduce the time to prosecution for drug-related crimes through the following:

- **On-scene Analysis.** On-scene chemical identification enables an investigating officer to prioritize evidence and initiate prosecution as quickly as possible. By focusing on the critical substances of interest for further lab-based analysis, speed to trial is increased and judges can set appropriate bail for suspects.
- **New Street Drugs.** Newly manufactured street drugs can be added to FirstDefender's library and easily shared with neighboring agencies. This helps curb the spread of dangerous new drugs by keeping law enforcement officers one step ahead.
- **Over-the-Counter drugs.** Identification of controlled over-the-counter (OTC) medications and prescriptions ensure that *all* controlled substances are considered during sentencing — whether illegal, controlled or prescribed.
- **Reporting.** Printed reports are time- and date-stamped and are available in a variety of formats for inclusion into post-incident reports.
- **Testimony support.** Ahura Scientific technical specialists can provide expert testimony in a court of law supporting the use of the FirstDefender as a confirmatory piece of equipment.

Trained Law Enforcement technicians can testify.

Increased Officer Safety

Law enforcement officers put their life on the line every day. It's imperative that they be given the tools and support to help protect themselves from hazards that they may come into contact with as much as possible.

The following FirstDefender features can help minimize risk to officers in the field as they investigate hazardous material and drug manufacturing situations:

- **Explosives Identification.** Homemade explosives such as TATP and HMTD often look like packaged methamphetamine, but can be lethal if unidentified. FirstDefender helps officers identify the many hazards they may encounter during a clandestine drug investigation. By identifying these substances on-scene, it eliminates the possibility of these materials being transported back to the laboratory unidentified.
- **Exposure Information.** An on-board database provides comprehensive medical emergency information on hazardous chemicals, including those associated with meth labs. This guide helps responding officers quickly treat exposure and better inform incoming medical response personnel to speed additional treatment.



MIL-STD 810F Rugged
FirstDefender is certified to meet the MIL-STD-810F specifications for ruggedness, one of the most rigorous testing standards in the world.

For More Information

FirstDefender is a powerful force multiplier for any law enforcement agency with a narcotics task force. Please contact Ahura Scientific today to schedule a demonstration.

Ahura Scientific, Inc. sales@ahurascientific.com 978.642.1132