

10 Reasons 1064Defender Strengthens Communities and Agencies

A lab-proven technology providing the flexibility to meet your agency's narcotics and chemical identification needs. The Thermo Scientific™ 1064Defender™ tailors itself while providing definitive results for confident and efficient decision making.



1

Touchless, point and shoot

Our Raman analyzer can effectively ID many substances, with enhanced identification of heroin and other fluorescence materials while safely protecting against unwanted exposure.



2

Accurate results

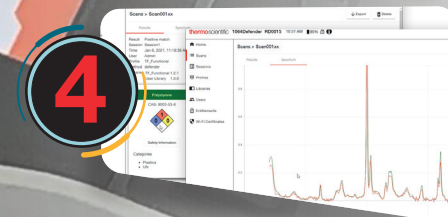
Our dual algorithm capability backed by our p-value algorithm ensures definitive results for a presumptive test that can be trusted through circumstances such as court proceedings and threat identification.



3

Faster turnaround

Get accurate data from the field to where it needs to go, through exporting by means of WebUI, file share or to a USB drive.



4

Definitive answers

Our handheld analyzer automatically generates reports, with GPS location, time, result(s), operator, digital image, along with user added meta data.



5

Reduced backlogs

Users may enjoy more efficient operations because of field tests now becoming screening tests, preventing potential backlogs.



6

Lower costs

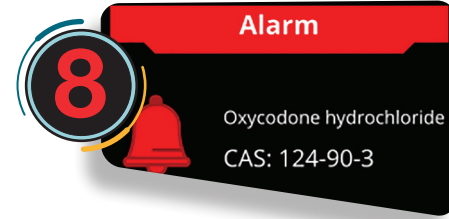
Given the cost per sample, chemical analysis can be extremely costly. By deploying a handheld Raman analyzer, users can realize substantial savings over the life of the instrument.



7

Early warning sign

Handheld Raman analysis helps discover novel synthetic compounds. When these new substances are identified at the lab level from Reachback support, the information is quickly passed back to the analyzer for positive field ID.



8

Alarm

Fast library updates

With a customizable interface, the user and the instrument are always in sync. This device is future-proof against the changing threat environment for law enforcement and the community.



9

Beyond wet chemistry kits

Wet chemistry kits require multiple steps with user interpretation. Some drugs require multiple chem kits to make the correct call. Handheld Raman provides a more accurate and reliable test, and is a total solution.



10

User safety

Many chemicals today can be lethal if individuals are exposed to even trace amounts. The 1064Defender allows users to test samples without having to make contact with them.

For more information visit thermofisher.com/1064defender